# JP PISTONS

Helping preserve motoring heritage

Piston assemblies Timing chain sets Harmonic balancers



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### Introduction

This 2025 JP PISTONS catalogue is the first fully redesigned and revised catalogue for many years. The stock range continues to cover all forms of applications including motor cars, trucks, motorcycles and industrial motors. Many new parts have been added and additional engine parts, such as timing chain sets and harmonic balancers, have been included from the rest of the Nornda Automotive product range.

#### Piston Assemblies

To ensure the quality of the product and the longer life of your engine JPPISTONS are sold as complete assemblies. These include the piston, gudgeon pin, rings and circlips (if required).

#### Oversizes

Pistons can be purchased in any number of oversizes. These are dependent on manufacturers recommendations and are marked accordingly in the catalogue. Pistons can be made beyond manufacturers recommended oversizes but these are sold without warranty.

#### Not in the catalogue?

If the piston you require is not in the catalogue, then there is a good chance we have already made it or can produce it for you. Examples include pistons for rare motors or historic racing. Contact JP PISTONS for a quote.

#### Low production runs

Small batch production is a specialty of JP PISTONS. If you have specific engine builds or racing concepts we can assist you.

#### Loose Piston Rings

In the event of an accident, such as breaking a piston ring when fitting, loose rings can be purchased.

#### Note

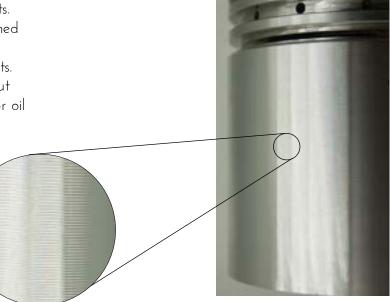
While every attempt has been made to prevent mistakes and incorrect information some errors may be present. Any corrections would be appreciated.

### Oil Retention Technology

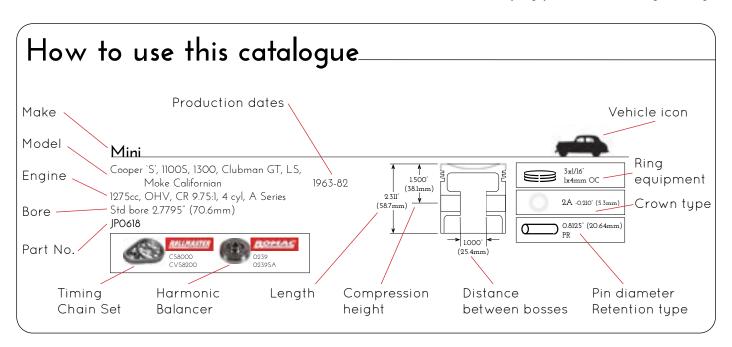
JP PISTONS are manufactured with Oil Retention Technology (ORT). Using the latest in piston design ORT ensures maximum oil spread on piston skirts. To achieve this the piston skirt has small, machined grooves that retain oil. ORT is superior to many existing, old piston designs that have smooth skirts. While shiny skirts look good when they come out of the box, they are the least efficient method for oil retention and longevity of the piston.

JP PISTONS has been cam-turning their

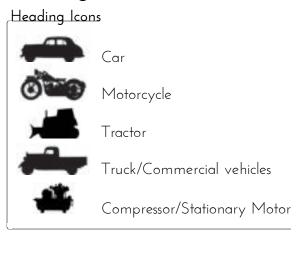
pistons using ORT since 2006.







### Catalogue notes



#### Ring Details

AC Compression (Pin or Anchor) Ch Compression (Chrome) Scr Scraper OC. Oil control Oil (Single piece, slotted) RBP Ring Below Pin No Ch Do NOT fit chrome rings

All other rings sets which are unmarked are fitted with an oil control ring and plain compression rings.

#### Pin Retention

CR Clamp Rod WC Wire Circlips SC Seeger Clips PR Press Fit

### Website, ordering and counter sales

www.norndaautomotive.com.au

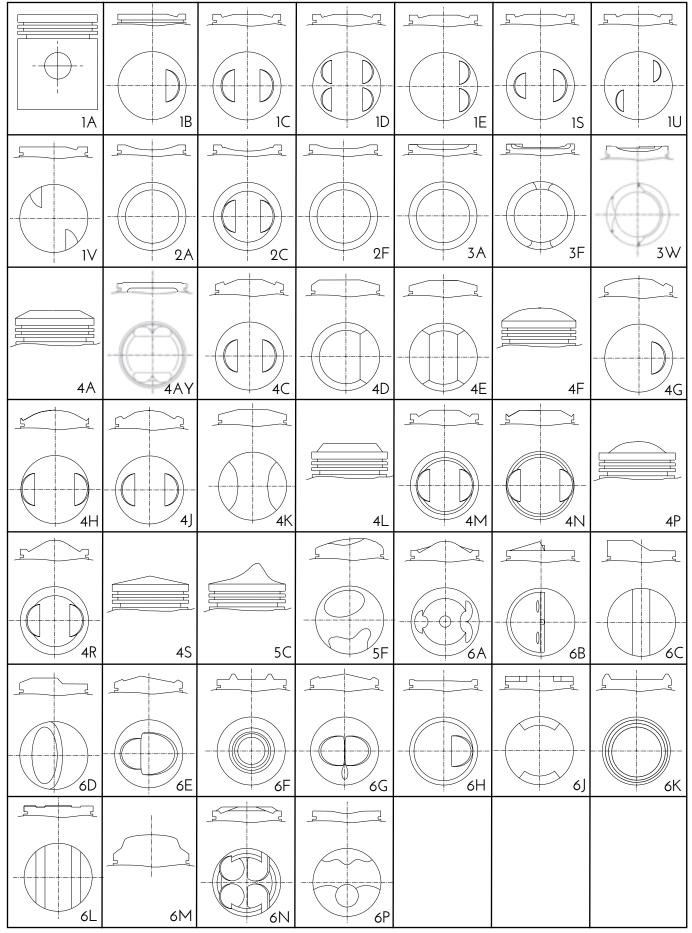
🧖 sales@norndaautomotive.com.au 🔼 +61 8 8261 7222 25-31 Innes Road, Windsor Gardens, South Australia 5087







### Piston crown types



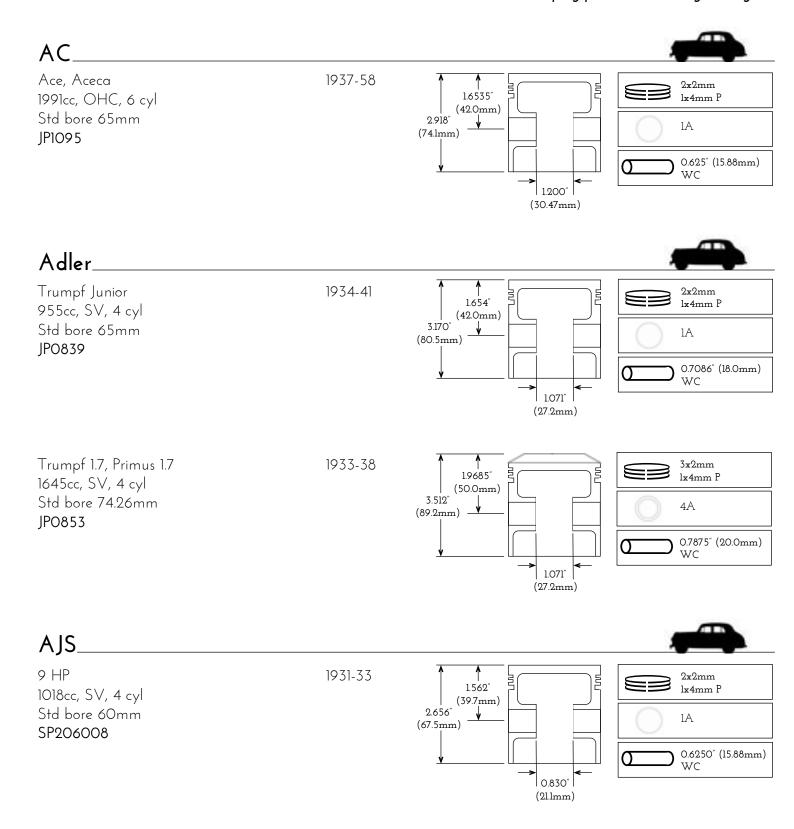
# PISTONS MOTOR(AR) MOTOR(Y(LES COMMERCIAL VEHICLES AND STATIONARY MOTORS

Abington King Dick • AC • Ace • Aeromacchi • AJS • Albion • Alfa Romeo • Allard • Allis Chalmers • Alta • Alvis • American Flint • American Truck • Amilcar • AMP • Ansaldo • Anzani • Argyl • Ariel • Armstrong Siddeley • Arrol Johnston • Ascot Pullin • Aster • Aston Martin • Austro Daimler • Atlas • Auburn • Austin • Austin Healey • Ballott • Barford & Perkins • Bean • Beardmore • Bedford • Benelli • Bentley • Benz • Berliet • Bianchi • Bitzer • Blackburn • Bluckfield • BMW • Borgward • Bradbury • Briggs & Stratton • Bristol • Brough Superior • Brush • BSA • Buchet • Bugatti • Buick • Buzacott • Cadillac • Calthorpe • Carnation • Case • Caterpillar • Chapuis-Dernier • Chater Lea • Chernard & Walker • Chevrolet • Chrysler • Citreon • Clarendon • Clement Bayard • Cletrail • Cleveland · Clyno · Commer · Continental · Cooper · Copeland · Coventry · Coventry Clilmax • Crossley • Cubitt • Curtiss • CZ • Daimler • Diamond Reo • Darracq • Datsun • David Brown • De Bouton • De Dion • Delage • Delahaye • Delco • Denarm • Dennis • De Soto • Diato • DKW • Dnepr • Dodge • Dorman • Douglas • Ducati • Dunelt • Durant • EMF • Enfield • Erskine · Ervor · Essex · Excelsior · Fafnor · Falcon Knight · Federal · Fiat · Fieldhouse · Flying Merkel • FN PISTONS has IΡ Gallaway • Gilera • Rhone · Goggomobil hundreds of pistons for old, Gregoire · Griffin Paige • Greeves • Zedel • Haflinger and unusual Davidson Harley Henderson or for specific needs. These · Hino · Hinomoto Holden • Honda • are not included pistons Horwood Bagshaw the catalogue but are Howard • HPC • Humberette available. If your demands Hyster · Indian · Husqvarana International • Isotta are not inside, then contact JP James • JAP • Jawa Jupiter • Kawasaki • PISTONS to fulfil your needs. La Salle • Lagonda Lanchester • Lancia

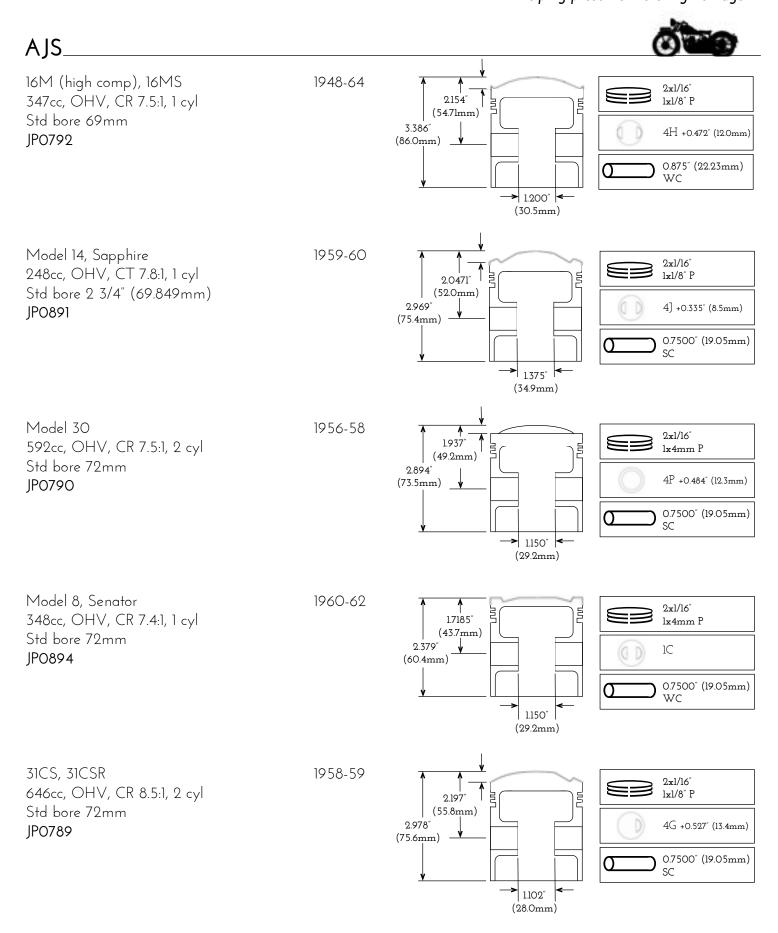
Ford • Frascold • made G&N · Gnome et • Goliath • Graham Hampton HDF · Heinkel Hercules • Hillman · Hispano Suiza · Horch • Horex • Hotchkiss still Hudson · Humber Hupmobile • Isuzu • Jaguar • · Jensen · Jowett · Kohler • La Buire • Lamborghini • Land Rover

engines

Laverda • Le France • Le Zebre • Lea Francis • Leon Bollee • Levis • Lewis • Leyland • Lilac • Lincoln • Lion Peugeot • Lister • Loraine Dietrich • Lotus • Manx Buggles • Markwell • Marmon • Maserati • Matchless • Maxwell • Mazda • McMillan • MCR • Meadows • Meguro • Mercedes • Mercedes Benz • MG • Mick Toone • Minerva • Mitchell • Mitsubishi • Moffatt Virtue • Moline • Morgan • Morris • Moto Guzzi • Moto Reve • MV Augusta • MZ • Napier • Nash • New Hudson • New Imperial • Newman • Newton-Bennett • Nimbus • Nissan • Norton • Norton Douglas • NSU • Oakland • Officiane Mechanica • Oldsmobile • Onan • Opel  $\bullet$  Overland  $\bullet$  P&M  $\bullet$  Packard  $\bullet$  Paige  $\bullet$  Panhard et Levassor  $\bullet$  Panther  $\bullet$  Penta  $\bullet$  Perkins  $\bullet$  Petters · Peugeot · Plymouth · Pontiac · Precision · Prince · Pulford · Rabbitt · Raleigh · Ransome · Renault • Reo • Rhode • Riley • Robin • Rolls Royce • Ronaldson & Tippett • Rover • Royal Enfield • Royce • Rudge • Rugby • Ruston • Sachs • Salmson • Sanglas • Sanyo • Sarolea • Saxon • Scarab • Seagrave • Sertum • Servex • Siddeley • Simca • Simplex • Singer • Southern Cross • Spacke • Standard • Star • Stevens • Stoewer • Straker • Sturmey Archer • Studebaker • Stutz • Sunbeam • Suzuki • Swan • Swift • Talbot • Tatra • Techumsi • TH-Schneider • Thor • Thornycroft • Toyota • Triumph • Unic • Ural • Vauxhall • Velli • Velocette • Vespa • Villiers • Vincent • Volvo • Voshod • Vulcan • Wanderer • Wasp • Waverley • Westinghouse • White • Willys • Willys Knight • Willys Overland • Wisconsin • Wolseley • Yamaha • Yanmar • Zundapp



 $AJS_{-}$ Model 33-12, R12, S12, T12 1931-39 248cc, OHV, 1 cyl Std bore 65mm (51.58mm) 4H +0.365" (9.27mm) 3.135 SP981141 (79.65mm) 0.5625" (14.29mm) 1.141" (29.0mm) Model 20 1956-59 2x1/16" 498cc, OHV, CR 7.8:1, 2 cyl 1.9606 lx4mm P (49.8mm) Std bore 66mm 2.8051" 4] +0.504" (12.8mm) JP0791 (71.3mm) 0.7500" (19.05mm) **1**.134" (28.8mm) Model 20, Spring Twin 1949-55 2x1/16" 498cc, OHV, CR 7:1, 2 cyl lx1/8" P 1.875 Std bore 66mm (47.6mm) 4H +0.394" (10.0mm) 2.697" JP0869 (68.5mm) 0.7500" (19.05mm) 1.134" (28.8mm) 16, 16M, 26, 26SS, 26T, Silver Streak 1935-46 2x1/16" 1.490" 347cc, OHV, CR 7:1, 1 cyl lx1/8" P (37.9mm) Std bore 69mm 3.000" 4A +0.340" (8.64mm JP0751 (76.2mm) -0.8750" (22.23mm) 1.250" (31.75mm) 16M 1948-55 2x1/16" 2.000" 347cc, OHV, CR 6.3:1, 1 cyl lx1/8" P (50.8mm) Std bore 69mm 3.195" 4A +0.320" (81.2mm) JPO413 (81.2mm) 0.8750" (22.23mm) 1.250" (31.75mm)



### AJS



31CS, 31CSR, Hurricane 646cc, OHV, CR 8.5:1, 2 cyl Std bore 72mm JPO633 1960-66

2.812° (51.58mm) (71.4mm) 1173° (29.8mm)

2xl/l6" lx4mm P 4N +0.374" (9.5mm)

0.7500" (19.05mm)

0.6250" (15.88mm)

D, D1; E1, E2; G1, G2; H1, H2 799cc, SV, 2 cyl Std bore 74mm SP203012 1923-27

1.5937" (40.5mm) (38.lmm)

3xl/16"

4L

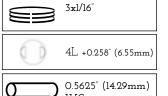
K6, K7, M6, M7 349cc, OHV, CR 6.5:1, 1 cyl Std bore 74mm SP204056 1928-29

1.475° (34.47mm) 2.872° (72.9mm) 1.500° (38.lmm)

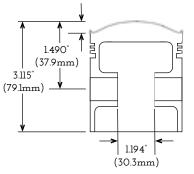
3xl/16" lx4mm P 4H +0.256" (6.5mm)

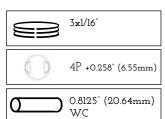
B5, E4, G4, G5, H4, H5 349cc, SV, 1 cyl Std bore 74mm SP990109 1924-27

2.973" (75.5mm) 1.445 (36.7mm)



B5, E4, G4, G5, H4, H5 349cc, SV, 1 cyl (high compression) Std bore 74mm SP207006

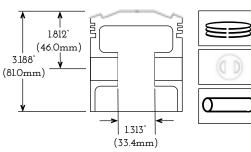




### AJS



Model 18 498cc, OHV, CR 7.2:1, 1 cyl Std bore 3 1/4" (82.55mm) JPO680 1947-55

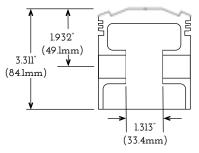


2x1/16" lx1/8" P

4C

0 0.8750" (22.23mm)

Model 18 498cc, OHV, CR 8.5:1, 1 cyl Std bore 3 1/4" (82.55mm) JPO68OA 1947-55

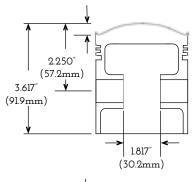


2xl/16" lxl/8" P

4C

0.8750" (22.23mm)
WC

Model 18 498cc, OHV, CR 9.5:1, 1 cyl Std bore 3 1/4" (82.55mm) SP210024 1947-55



2xl/16" lxl/8" P

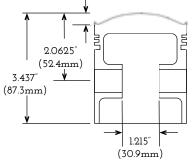
4H +0.562" (14.3mm)

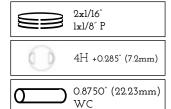
0.8750" (22.23mm)

WC

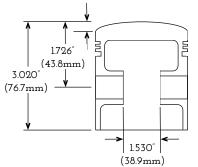
Model 18S 498cc, OHV, CR 7.3:1, 1 cyl Std bore 3 1/4" (82.55mm) JPO592

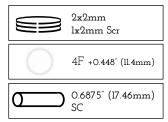
1956-59





K8, M8, M10 498cc, OHV, CR 5.75:1, 1 cyl Std bore 84mm SP204034





AJS\_ K8, M8, M10 1928-29 2x2mm498cc, OHV, CR 7.5:1, 1 cyl lx2mm Scr Std bore 84mm (46.8mm) 3.032 4F +0.448" (ll.38mm) SP980202 (77.0mm) -0.6875" (17.46mm) 1.535" (39.0mm) M9 1929 2x2mm498cc, SV, 1 cyl lx4mm P 1.906 (48.4mm) Std bore 84mm 3.752" 4A SP069628 (95.3mm) 0.6875" (17.46mm) 1.531" (38.lmm) 37/2, 37/2A, 38/2, 38/2A, 39/2, 2x1/16" 39/2A, 40/2, 40/2A 1937-40 lx4mm P 1.813" (46.lmm) 990cc, SV, CR 5:1, 2 cyl 3.500" 1C Std bore 3 3/8" (85.725mm) (60.4mm) JP0905 0.8750" (22.23mm) 1.300" (33.0mm) 18CS 1956-60 2x1/16" 497cc, OHV, CR 8.7:1, 1 cyl lx4mm P 2.297 (58.3mm) Std bore 86mm 3.910" 4H +0.527" (13.4mm) JP1094 (99.3mm) 0.8750" (22.23mm) 1.306" (33.2mm) 18CS, Southerner 1960-65 2x1/16" 497cc, OHV, CR 8.8:1, 1 cyl lx4mm P (62.3mm) 18 Statesman 1964-66 4.055" 4] +0.740" (18.8mm) 497cc, OHV, CR 7.3:1, 1 cyl (103.0mm) Std bore 86mm 0.8750" (22.23mm) SP990106



1.339" (34.0mm)



AJS\_\_\_\_\_



#### Allard K1, K2, K3, Safari, Monte Carlo 1937-56 2x3/32" 3622cc, SV, CR 6.3:1, 8 cyl lx5/32" OC Std bore 3 1/16" (77.79mm) (45.2mm) 3.062" 4F +0.170" (4.32mm) JP01049 (77.7mm) -0.7500" (19.05mm) SC 1.440" (36.6mm) Palm Beach Mk I 1952-56 2x2mm 1.875" 1508cc, OHV, CR 6.8:1, 4 cyl lx3/16"OC lx3/16" P (47.6mm) 2262cc, OHV, CR 6.8:1, 6 cyl 3.125" lΑ (79.4mm) Std bore 3.126" (79.4mm) JP1051 0.8125" (20.64mm) 1.063" (27.0mm) Palm Beach Mk II 1956-58 2x2mm 3442cc, DOHC, CR 8:1, 6 cyl lx4mm OC É 2.247 Std bore 83mm (57.lmm) 4.071" 4P +0.557" (14.15mm) JP0408 (lO3.4mm) -0.8750" (22.23mm) 1.219"

(31.0mm)

#### Alvis TB, TA6, TA 1927-29 2x2mm 1870cc, OHV, CR 5.8:1, 6 cyl lx4mm P 1.536" (39.0mm) Std bore 63mm 4A (70.9mm) SP201073 0.7080" (18.0mm) 1.183" (30.0mm) Silver Eagle SG 1935-36 2x3/32" 2362cc, OHV, 6 cyl lx4mm P 1.535" (39.0mm) Std bore 67.5mm 3.159 4F +0.557" (14.15mm) JP1086 (80.2mm) -0.7874" (20.0mm) 1.023" (26.0mm) Silver Eagle TA, TB, TC, TE 1930-35 2x3/32" 2148cc, OHV, 6 cyl lx4mm P 1.537" Std bore 67.5mm (39.0mm) 3.112" 4F +0.102" (2.6mm) JPO575 (79.0mm) -0.7087" (18.0mm) 1.063" (27.0mm) 11/40 1921-28 2x2mm1.469" 1598cc, SV, CR 4.5:1, 4 cyl lx4mm P (37.3mm) Std bore 68mm 2.939" 1A (74.7<sub>mm</sub>) JP0720 0.7874" (20.0mm) 0.828" (21.0mm) 12/50 (front wheel drive) 1928-29 2x3/32" 1482cc, OHV, 4 cyl lx4mm P 1.718" Std bore 68mm (46.4mm) 3.287 4F +0.216" (5.49mm) SP990606 (83.5mm) 0.7874" (20.0mm) σ 1.158" (29.4mm)

#### Alvis\_ 12/50, TG, TJ 1926-32 2x1/16" 1645cc, OHV, CR 5.3:1, 4 cyl 1.457 lx4mm P (37.0mm) Std bore 69mm 3.071" 1A (78.0mm) JP0887 0.7874" (20.0mm) 1.047" (26.6mm) 12/50, TG, TJ 1926-32 2x1/16" 1645cc, OHV, CR 5.3:1, 4 cyl 1.457 lx4mm P (37.0mm) Std bore 69mm 3.071" 1A JP1101 (78.0mm) 0.7874" (20.0mm) 1.047" (26.6mm) Firebird 2x2mm 1842cc, OHV, CR 5.8:1, 4cyl 1934-36 1.573" lx4mm P (40.0mm) 2.975" 1A 1842cc, OHV, CR 5.8:1, 4cyl 1937-40 (75.6mm) Std bore 73mm 0.7874" (20.0mm) JPO417 1.000" (25.4mm) Speed 20 SA, SB 1932-35 2x2mm 2511cc, OHV, CR 6.35:1, 6 cyl lx4mm P 1.573" 1 2.975" (40.0mm) Std bore 73mm 4A (75.6mm) -JP0930 0.7874" (20.0mm) 1.100" (28.0mm) 14/4, TA14, TB14 1945-51 2x2mm 1892cc, OHV, 4 cyl 1.575" lx4mm P (40.0mm) Std bore 74mm 3.030" 1A JP0127 (77.0mm) 0.7874" (20.0mm) 1.015" (25.8mm)



1.299" (33.0mm)

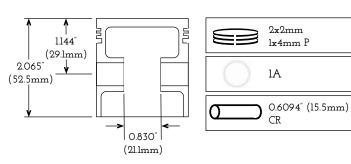
#### Alvis\_ Crested Eagle TA, TB 1937-39 2x2mm3571cc, OHV, CR 6.35:1, 6 cyl 2.126" lx3/16" P (54.0mm) Speed 25 SB, SC 1936-40 3.779" 1A 3571cc, OHV, CR 6.35:1, 6 cyl (96.0mm) JP0926 0.8661" (22.0mm) max oversize +060" 1.339" (34.0mm) TD21, TE21 1958-65 3x2mm 2.067 2993cc, OHV, CR 8.5:1, 6 cyl lx3/16" OC (52.5mm) TF21 1965-67 3.720" 1A 2993cc, OHV, CR 9:1, 6 cyl (94.5mm) Std bore 84mm 0.9448" (24.0mm) JP0217A 1.190" (30.2mm) TA21, TB21, TC21/100, TC108/G 1950-58 2x2mm 2993cc, OHV, CR8:1, 6 cyl lx3/16" OC (52.5mm) Std bore 84mm 3.720" lΑ JP0217 (94.5mm) 0.9448" (24.0mm) WC 1.190" (30.2mm) 4.3 Litre 1936-40 2x2mm4387cc, OHV, 6 cyl 2.520" lx3/16" P (64.0mm) Std bore 92mm 4.358" 1A SP109728 (ll0.7mm) 0.8661" (22.0mm)



### American Austin Bantam

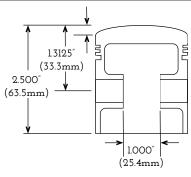


Model 60 820cc, SV, 4 cyl Std bore 2.200" (55.88mm) JP1080 1938-40



Amilcar\_

1004cc, SV, 4 cyl Std bore 58mm JP0769 1924-26



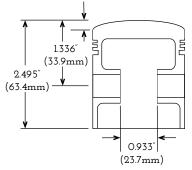
2x3/32"

lxl/8" P 4F +0.059" (1.5mm)

0.7087" (18.0mm) CR

M, M2, M3, M4 1200cc, 4 cyl Std bore 60mm JP0608

1928-34



2x2mm lx4mm P

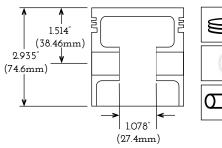
4F +0.059" (1.5mm)

0.7087" (l8.0mm) CR

### Amphicar\_



770 1147cc, OHV, CR 8:1, 4 cyl Std bore 69.3mm JPO481 1961-68



2x2mm lx5/32" OC

lA

O.8125" (20.6mm) SC

### Ariel



Square Four, 4F 599cc, OHV, 4 cyl Std bore 50.4mm SP079720 1935-40

2.625" (30.2mm) (0.748" (19.0mm)

2xl/16° lxl/8° P

0.6875" (17.5mm) WC

Square Four, 4F31, 4F/5-32 498cc, OHV, CR 6.9:1, 4 cyl Std bore 50.8mm SP990534 1931-32

2.094" (27.8mm) (53.2mm) (18.6mm)

1x1/16" Scr

1A

0.6250" (15.88mm)

4F, 4F/6-32, 4F/6-33 599cc, OHC, CR 5.8:1, 4 cyl Std bore 56mm JPO795 1932-36

1.062° (27.0mm) (52.6mm) 1170° (29.7mm)

2A -0160" (40mm)

0.6250" (18.88mm)

KG De Luxe, KH, KHA Red Hunter, Fieldmaster 498cc, OHV, CR 7.5:1, 2 cyl Std bore 62.987mm SP205036

1948-57

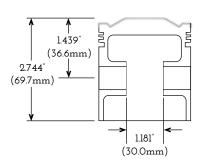
2.781° (37.3mm) 2.781° (30.0mm)

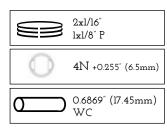
2xl/16" lxl/8" P

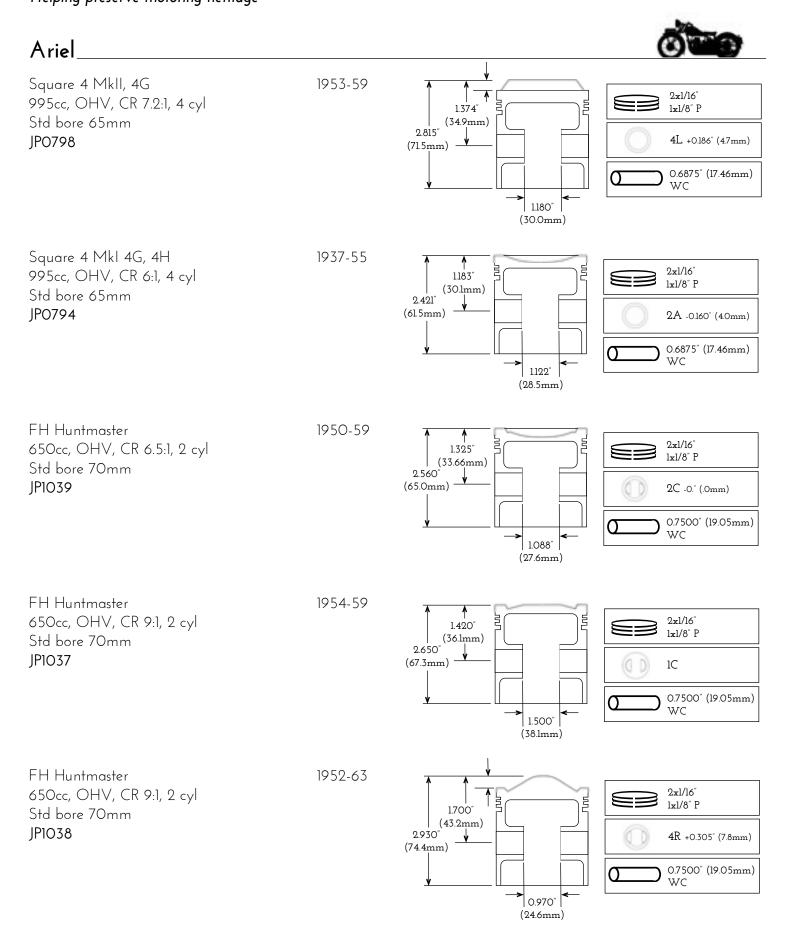
4N +0.303" (7.7mm)

0.6869" (17.45mm)

KG De Luxe, KH, KHA Red Hunter, Fieldmaster 498cc, OHV, CR 8:1, 2 cyl Std bore 62.987mm SP990304







Helping preserve motoring heritage

Ariel A10 Golden Flash 1954-59 2xl/l6" 1.359" 646cc, OHV, CR 7.25:1, 2 cyl lx1/8" P (34.5mm) Std bore 70mm (65.8mm) -1C JP440 0.7500" (19.05mm) σ 1.150" (29.2mm) NG, NH, Red Hunter 1939-55 2x1/16" 350cc, OHV, CR 6.3:1, 1 cyl lx4mm P 1.719 Std bore 72mm (43.6mm) 3.154" JP0893 4H +0.185" (4.7mm) (80.lmm) 0.8120" (20.63mm) 1.035" (26.3mm) NG, NH, Red Hunter 1939-55 350cc, OHV, CR 7.5:1, 1 cyl 2x1/16" lx1/8" P 1.941" 1.941 (49.3mm) 3.378" Std bore 72mm SP980222 4H +0.504" (12.8mm) (85.8mm) 0.8120" (20.63mm) 1.083" (27.5mm) НА 1954-58 497cc, OHV, CR 9:1, 1 cyl 2x1/16" lx1/8" P 1.750 Std bore 81.787mm (44.5mm) JP0622 3.250 4H +0.521" (13.2mm) (82.6mm) 0.8125" (20.64mm) 1.257" (31.9mm) Model E 1927-28 497cc, OHV, 1 cyl 2x1/16" lx1/8" P 1.500 Std bore 81.8mm (38.lmm) 3.070″ SP209069 4] +0.250" (6.35mm) (78.0mm)



1.000" (25.4mm)

σ

1.194" (30.3mm)

Ariel VH, VG, Red Hunter 1935-46 2x1/16" 500cc, OHV, CR 6.3:1, 1 cyl lx1/8" P 1.437" Std bore 81.8mm (37.0mm) 3.062 4P +0.256" (6.5mm) SP207005 (77.8mm) 0.8125" (20.64mm)  $\sigma$ WC 1.500" (30.3mm) VH, VG, Red Hunter 1935-46 2x1/16" 500cc, OHV, CR 7.5:1, 1 cyl lx1/8" P 1.375" Std bore 81.8mm (34.9mm) 2.875" JP0797 4N +0.138" (3.5mm) (73.0mm) 0.8120" (20.63mm) 1.180" (30.0mm) 2x3/32" A, B, VB 1928-31 1.570" (39.9mm) 3.071" 550cc, SV, CR 5.4:1, 1 cyl Std bore 3.401" (86.384mm) (78.0<sub>mm</sub>) 1A JP0770 1.000" (25.4mm) 1.438" (36.5mm) SB31, SB32, VB, VB33, VA3, VA4, VB 1931-58 1.9375" 2x1/16" 599cc, SV, 1 cyl lx4mm P (49.2mm) Std bore 3.401" (86.384mm) 3.340" (84.8mm) lΑ JP0583 0.8125" (20.64mm) 1.340"

(34.0mm)



### Armstrong Siddeley\_



1434cc, SV, 6 cyl Std bore 56.5mm SP069720

1931-34

1.200" (30.5mm) (68.5mm) 0.846" (21.5mm)

2x3/32" 2x4mm P

1A

0.5000" (12.70mm)

12 Plus, 14 Plus 1666cc, OHV, 6 cyl Std bore 61mm JPO465

1936-38

1.612" (40.9mm) 2.875 (73.0mm) 1.000" (25.4mm)

3x2mm lx4mm P

1A

0.6250" (15.88mm)

16-Six, Lancaster, York, Hurricane, Typhoon 1939-49 1990cc, OHV, CR 7:1, 6 cyl Std bore 65mm JP0339

1.575 (40.0mm) 3.012 (76.5mm)

> 1.100" (27.9mm)

3x2mm lx4mm P

1A

0.6250" (15.88mm

17 Sports 2394cc, OHV, 6 cyl Std bore 2 5/8" (66.7mm) IPO342

1937-38

1.578" (40.lmm) 3.078 (78.2mm) 1.000" (25.4mm)

3x2mm lxl/8" P

1A

0.6250" (15.88mm)

17 Sports 2394cc, OHV, 6 cyl Std bore 2 5/8" (66.7mm) JP0760

1934-36

1.578 (40.lmm) 3.078" (78.2mm) 1.156" (29.4mm)

> 1.307" (33.2mm)

1.625"

(41.3mm) 3.055"

(77.6mm)

3x2mmlx4mm P

lΑ

0.6250" (15.88mm)

18 Typhoon, Hurricane, Whitley, Sapphire 236 2309cc, OHV, CR6.5:1, 6 cyl Std bore 70mm

1949-57

2x2mmlx4mm P

1A

0.6875" (17.46mm)

JP0118



### Armstrong Siddeley\_



2x2mm

2x3/32"

20/25 3670cc, OHV, 6 cyl Std bore 3 1/4" (82.55mm) JP0780

Sapphire 346 3435cc, OHV, CR 7.5:1, 6 cyl Std bore 90mm JP0900

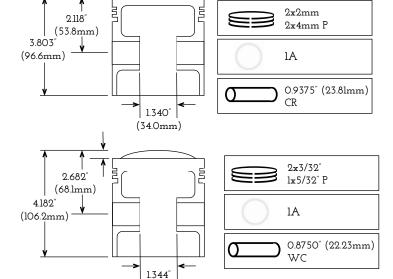
Sapphire 234 3435cc, OHV, CR 7:1, 4 cyl Sapphire 346 3435cc, OHV, CR 7:1, 6 cyl Std bore 90mm

JP0119

Star Sapphire 3990cc, OHV, CR 7.5:1, 6 cyl Std bore 97mm JP0917

1937-38

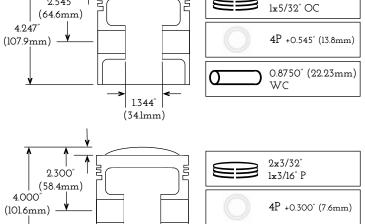
1953-58



(34.lmm)

1955-58 1953-60

1958-60



0.8750" (22.23mm)

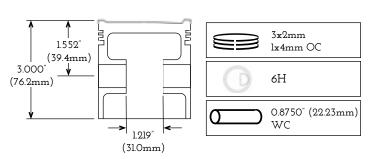
WC

### Aston Martin\_



15/98 Saloon, Sports, Speed Model 1950cc, CR 7.75:1, 4 cyl Std bore 78mm JPO407

1936-40

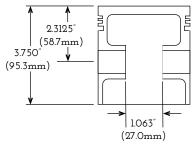


#### Auburn



652, 652X, 652Y, 653, 654 344lcc, SV, 6 cyl 850, 850X, 850Y, 851, 852, 852S 4588cc, SV, 8 cyl Std bore 3 1/16" (77.78mm) JP0116 1934-36

1935-36



3x3/32° lx3/16° OC 1A

0.8750° (22.23mm)

#### Austin\_ Seven 1923-29 2x1/16" 747cc, SV, 4 cyl 0.875" 2x4mm P RBP (22.2mm) Std bore 2.200" (55.9mm) 1.813 (46.0mm) 1A JP0100 0.5000" (12.7mm) 0.750 (19.lmm) Seven 1923-29 7° 0.875″ 2xl/l6" 747cc, SV, 4 cyl lx4mm P (22.2mm) Std bore 2.200" (55.9mm) 1.813 (46.0mm) 1A JP0100A 0.5000" (12.7mm) 0.750" (19.lmm) Seven 1923-29 2x1/16" 747cc, SV, 4 cyl 0.875" 0.0/5" | (22.2mm) 1.813" 2x4mm P RBP Std bore 2.200" (55.9mm) JP0100C (46.0mm) lΑ 0.5000" (12.7mm) 0.750" (19.lmm) Seven 1923-29 2x1/16" 0.875" 747cc, SV, 4 cyl lx4mm P (22.2mm) Std bore 2.200" (55.9mm) 1.825 JP0100AC (46.4mm) 1A 0.5000" (12.7mm) 0.750" (19.lmm) Big 7, New 8 1937-48 2x2mm 900cc, SV, CR6.8:1, 4 cyl 1.250" lx4mm P (31.8mm) Std bore 2.235" (56.8mm) 2.312" JP0102 (58.7mm) 1A 0.5000" (12.7mm) 1.156" (29.4mm)

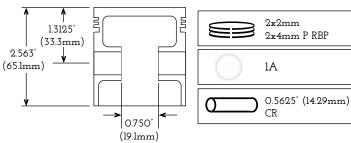
#### Austin\_



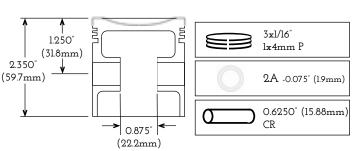
A30, 7, Somerset 803cc, OHV, 4 cyl Std bore 2.280" (57.9mm) JPO101 1952-57

2x2mm 2x4mm P RBP 2x4mm P RBP 2A -0.110° (2.8mm) 0.750° (19.1mm)

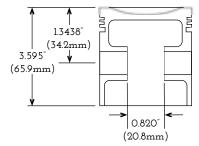
A30, 7, Somerset 803cc, OHV, CR 7.9:1, 4 cyl Std bore 2.280" (57.9mm) JPO101A 1952-57



Seven Cooper 997cc, OHV, CR 9.4:1, 4 cyl Std bore 2.458" (62.4mm) JPO335 1961-64



A35, A40 948cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 63mm JP0110 1957-62



2x0.070° lx5/32° P 2A -0.140° (3.56mm)

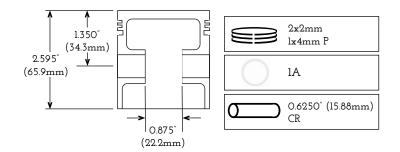


O.6250" (15.88mm)

A35, A40 948cc, OHV, CR 9.4:1, 4 cyl, A Series Std bore 63mm JPO400



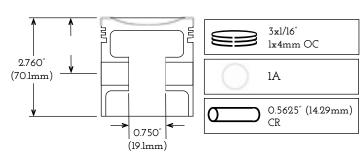




#### Austin



10/4, 6/10, Triton marine AB 1125cc, SV, 4 cyl Std bore 2 1/2" (63.5mm) JP0103 1932-48



Metro 1000 998cc, OHV, 4 cyl, A Series Std bore 2.542" (64.6mm) JP0524 1965-78



2x2mm |x4mm OC | |2.560° (65.0mm) | 2A -0.240° (61mm) | | 0.6250° (15.88mm) | WC |

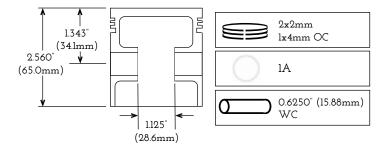
A40 MkII, 1100 Countryman Allegro MkI 1098cc, OHV, CR 8.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) IPO325 1962-67 1973-81



Allegro 1100 Metro, L, City X, 310 City Van 998cc, OHV, CR 9.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JPO337 1981-82 1981-90



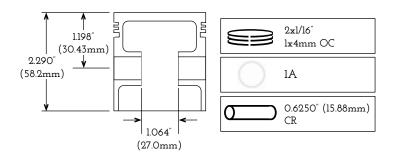




A40 MkII 1098cc, OHV, CR 10:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JPO425







#### Austin\_



Vanden Plas, Princess 1100 1098cc, OHV, CR 8.9:1 4 cyl Std bore 2.542" (64.6mm) JP1076



A40 Mk II, 1100 1963-73 A35 1962-67 Allegro 1100 1974-81 1098cc, OHV, CR 7.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP0922



A40 Mk II, 1100 1098cc, OHV, CR 10:1, 4 cyl, A Series Std bore 2.542" (64.6mm) IPO614

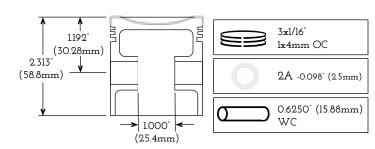


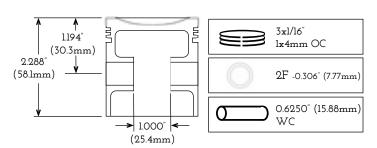
A40 Mk II, 1100 1962-67 Allegro 1100 1974-81 1098cc, OHV, CR 8.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP1107

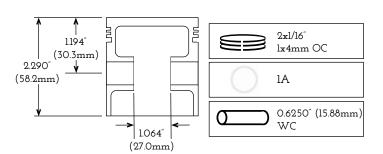


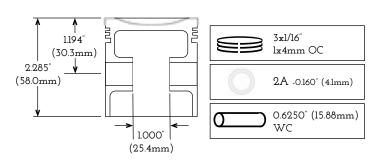
A40 MkI, Mk II, Devon Dorset 1200cc, OHV, CR 7.2:1, 4 cyl Std bore 2.5775" (65.47mm) JP0104 1947-52

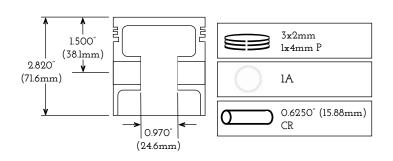
1964-69







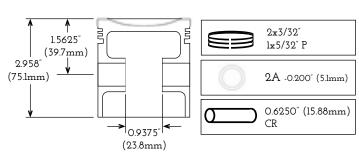




Austin



A40 Sports, Somerset, Devon, Dorset 1200cc, OHV, CR 7.2:1, 4 cyl Std bore 2.5775" (65.47mm) JP0108 1951-54



A40 Cambridge 1200cc, OHV, CR 7.2:1, 4 cyl, B Series Std bore 2.5775" (65.47mm) JP0111

1954-57 ries

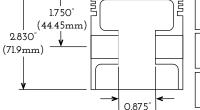


3.020" (41.9mm) (76.7mm) (2.4.3mm) (2.4.3mm) (2.4.3mm) (2.4.3mm)

16/6 2249cc, SV, 6 cyl 14/6 1711cc, SV, 6 cyl Std bore 2.5787" (65.5mm) JP0753

1937-39

1932-36

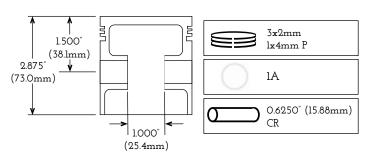


(22.2mm)

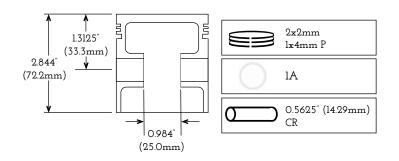
2x2mm lx5/32° OC

0.5625" (14.29mm) CR

16/6 Export 2249cc, SV, 6 cyl Std bore 2.5787" (65.5mm) JPO762 1934-35



16/6 fitted in 12/6 chassis 14/6, Goodwood 1711cc, SV, CR 6.4:1, 6 cyl Std bore 2.5787" (65.5mm) JPO921 1934-38 1937-40



#### Austin\_



12/4 1932-35 1535cc, SV, CR 6.2:1, 4 cyl 18/6 1934-40 2510cc, SV, CR 6.3:1, 6 cyl Std bore 2.730" (69.3mm) IPO750 1.500°
(38.lmm)
(76.2mm)

1.000°
(25.4mm)

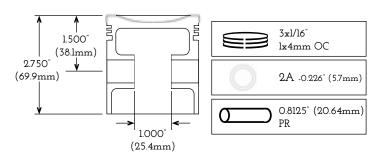
2x2mm
lx4mm P

1A

0.6250° (15.88mm)
CR

1300 MkV America Allegro 1300 1275cc, OHV, CR 8.8:1, 4 cyl, A Series Std bore 2.7805" (70.63mm) JPO429

1972-73 1973-83







1980-90

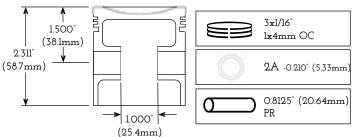




ROMAC

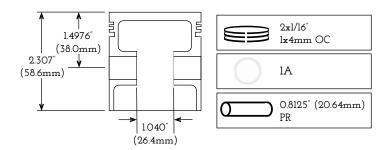
0239

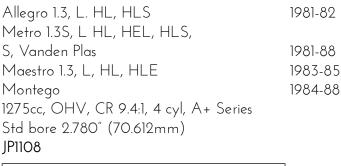
0239SA

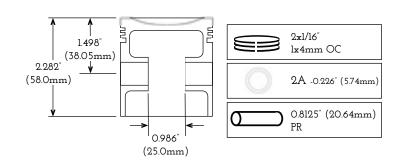


1300 Allegro 1300 1275cc, OHV, CR 11.7:1, 4 cyl, A Series Std bore 2.780" (70.612mm) JP0562











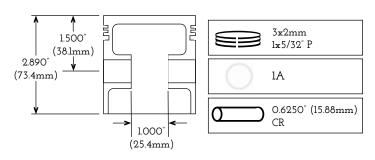
#### Austin.



1861cc, SV, 4 cyl Std bore 72mm JP0752

1922-35

1970-73



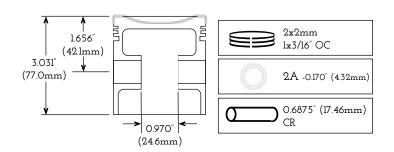
A50 Cambridge 1955-57 A55 Cambridge 1957-62 152 Series, J4 van 1956-62 1489cc, OHV, CR 8.2:1, 4 cyl, B Series Std bore 2 7/8" (73.025mm) IP0109



2x2mm 1.656" lx4mm OC (42.lmm) 3.031 (77.0mm) 2A -0.140" (3.6mm) 0.6875" (17.46mm) WC 1.000 (25.4mm)

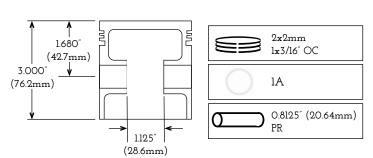
A60 Freeway 1622cc, OHV, CR 8.3:1, 4 cyl, B Series Blue Streak engine Std bore 3.000" (76.2mm) JP0383

1962-65

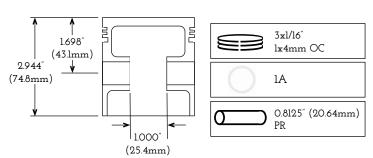




Tasman, Kimberley 6 Mkl 2227cc, OHV, 6 cyl Std bore 3.000" (76.2mm) JP0704



Maxi 1500 1973-79 Allegro 1500 1973-82 1485cc, OHV, CR 9:1, 4 cyl, E Series 2200 E Series 1972-75 2200 HL 1975 2227cc, OHV, CR 9:1, 6 cyl, E Series Std bore 3.000" (76.2mm) JP0311



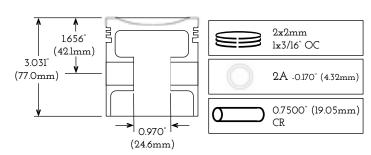
### Austin



Freeway
A 60 Cambridge
1622cc, OHV, CR 8.3:1, 4 cyl, B Series
Std bore 3.000" (76.2mm)
JP0903





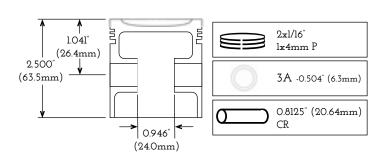


Allegro 1750HL
Allegro 3, HL, HLS
Maxi 1750HL
Maxi 1750
Maxi 2
1748cc, OHC, CR 8.75:1, 4 cyl, E Series
Std bore 3" (76.2mm)
SP990320

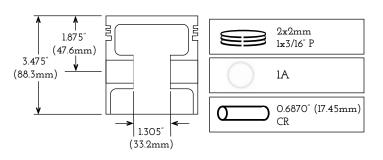
1974-79 1980-82 1979-80 1971-80 1980-82

1962-65

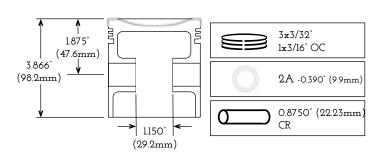
1962-69



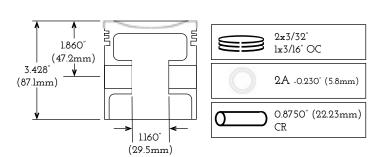
20/6 3610cc, OHV, 4 cyl Std bore 3 1/8" (79.4mm) SP208055 1919-30



A70 Hampshire Hereford 2199cc, OHV, CR 6.8:1, 4 cyl Std bore 3 1/8" (79.4mm) JPO113 1948-54



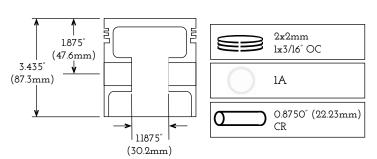
A70 Hampshire Hereford A90 Westminster A95, A105 Westminster 2639cc, OHV, CR 8.3:1, 6 cyl Std bore 3 1/8" (79.4mm) JP0106 1948-54 1955-56 1957-59



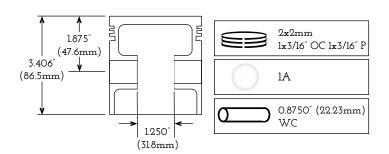
#### Austin



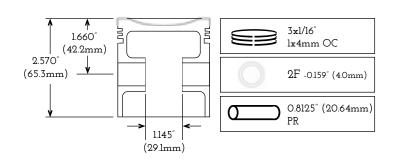
A95, A105, Westminster 2639cc, OHV, 9:1, 6 cyl Std bore 3 1/8" (79.4mm) JPO379 1956-57



A95, A105, Westminster 2639cc, OHV, CR 9:1, 6 cyl Std bore 3 1/8" (79.4mm) JPO490 1957-59



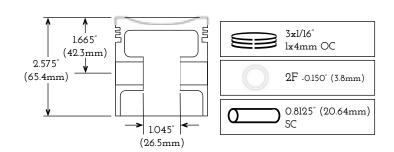
1800 Mk II, MkIII
1798cc, OHV, CR 9:1, 4 cyl, B Series
1800S MkII
1798cc, OHV, CR 9.5:1, 4 cyl, B Series
1800, 1800HL
1798cc, OHV, CR 9:1, 4 cyl, B Series
1798cc, OHV, CR 9:1, 4 cyl, B Series
1800 bore 3.159" (80.2mm)
1971-75
1971-75







1800 1965-69 1798cc, OHV, CR 8.4:1, 4 cyl, B Series 1800 MkII 1968-71 1798cc, OHV, CR 9:1, 4 cyl, B Series 1800S MkII 1968-71 1798cc, OHV, CR 9.5:1, 4 cyl, B Series Std bore 3.159" (80.2mm) IPO235







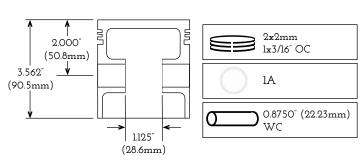
#### Austin A99, A110 1959-72 3x2mm2912cc, OHV, CR 9:1, 6 cyl, C Series 1.875" lx3/16" OC (47.6mm) Std bore 3.2805" (83.3mm) 3.440" JP0333 1A (87.4mm) 0.8750" (22.23mm) 1.130" (28.7mm) Princess 1978-82 1.3897 2xl/l6" Ambassador 2.0 HL, HLS, Vanden Plas, lx4mm OC (35.3mm) Montego 2.0 Vanden Plas 1982-84 2.373 (60.3mm) Montego 2.0 HL, HLS 1984-95 3A -0.187" (4.1mm) 1994cc, OHV, CR 9:1, 4 cyl, O Series Std bore 3.3245" (84.442mm) 0.8125" (20.64mm) 1.171" JP1097 (29.8mm) Princess 1700 L, HL, HLS 1978-82 2x2mm Ambassador 1.7 HL 1982-84 1.709 lx4mm OC (43.4mm)1695cc, OHV, CR 9:1, 4 cyl, O Series 2.888 Std bore 3.3245" (84.442mm) (73.4mm) 3A -0.190" (4.8mm) JP1106 0.8127" (20.64mm) σ 1.175" (29.9mm) A90 Atlantic 1953-56 3x2mm2.000" 2660cc, OHV, CR7.5:1, 4 cyl lx3/16" OC (50.8mm) A125 Sheerline, A135 Princess 1947-57 3.543 (90.0mm) 2A -0.500" (12.7mm) 3993cc, OHV, CR 6.8:1, 6 cyl Std bore 3 7/16" (87.312mm) 0.8750" (22.23mm) IP0107 **→** 1.250″ Recommended max oversize +040" (31.8mm) A90 Atlantic 1953-56 3x2mm 2660cc, OHV, CR 8.6:1, 4 cyl 2.000" 1x3/16" OC (50.8mm) Std bore 3 7/16" (87.312mm) 3.511" JP0107A (89.2mm) 2A -0.300" (7.62mm) Recommended max oversize +040" 0.8750" (22.23mm) CR1.250"

(31.8mm)

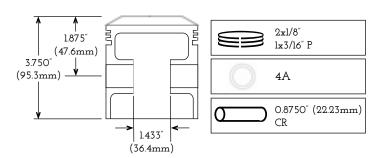


### Austin\_

A135 Princess MkIV 3993cc, OHV, CR 7.6:1, 6 cyl Std bore 3 7/16" (87.312mm) JPO477 1957-59



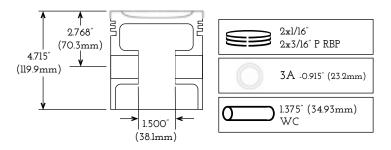
20 3610cc, SV, 4 cyl Std bore 3 3/4" (95.3mm) JPO815 1921-28



### Austin



2-3 ton 3400cc, OHV, 4 cyl 5 ton, 702 7 ton 16.5:1, 6 cyl Std bore 95mm JPO112





### Austin-Healey\_



Sprite 948cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 63mm JP0110





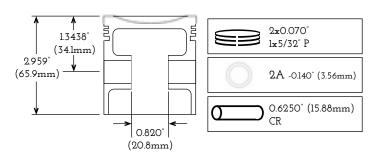
1957-62

1957-62

1963-66

1963-66

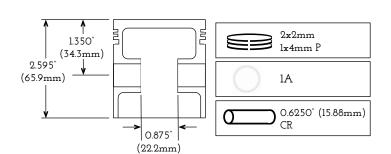
1963-66



Sprite MkI, Mk II 948cc, OHV, CR 9.4:1, 4 cyl, A Series Std bore 63mm JP0400



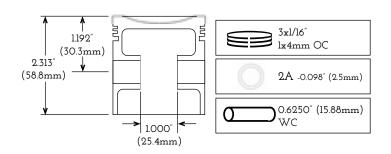




Sprite MkIII 1098cc, OHV, CR 8.9:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP1076





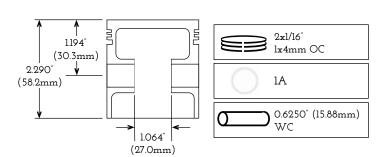


Sprite MkIII 1098cc, OHV, CR 9.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm)

JP0614



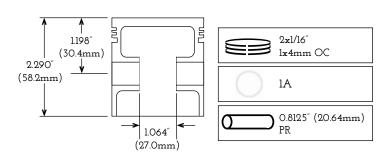




Sprite MkIII 1098cc, OHV, CR 10:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JPO425







### Austin-Healey\_

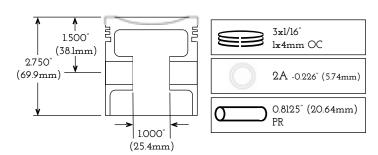


Sprite MkIV 1275cc, OHV, CR 8.8:1, 4 cyl, A Series Std bore 2.7795" (70.6mm)

JPO429





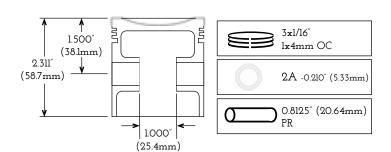


Sprite MkIV 1275cc, OHV, CR 9.75:1, 4 cyl Std bore 2.7795" (70.6mm)

JP0442







Sprite MkIV 1275cc, OHV, CR 11.7:1, 4 cyl Std bore 2.7795" (70.6mm) JP0562



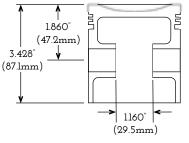
2307" (38.0mm) (58.6mm) 1A (26.4mm) PR

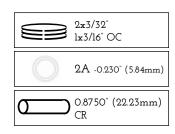
Healey 100/6 2639cc, OHV, CR 7.3:1, 6 cyl Std bore 31/8" (79.4mm) JP0106 1956-59

1966-72

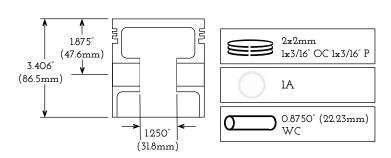
1966-72

1966-72





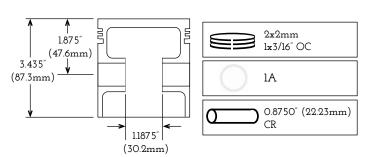
Healey 100/6 2639cc, OHV, CR 8.5:1, 6 cyl Std bore 31/8" (79.4mm) JPO490



### Austin-Healey



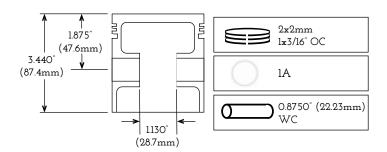
Healey 100/6 59 2639cc, OHV, CR 9:1, 6 cyl Std bore 31/8" (79.4mm) JPO379 1956-



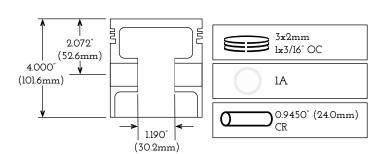
Healey 3000 2912cc, OHV, CR 9:1, 6 cyl Std bore 3.2805" (83.3mm) JPO333



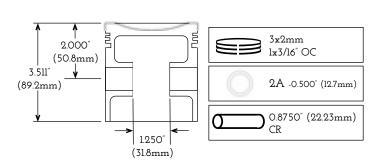
1959-72



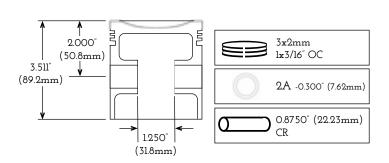
Healey 3000 2993cc, OHV, 6 cyl Std bore 84mm JP0216 1951-54



Healey 100/4 2660cc, OHV, CR7.5:1, 4 cyl Std bore 3 7/16" (87.312mm) JP0107 Recommended max oversize +040" 1952-56



Healey 100/4 2660cc, OHV, CR 8.6:1, 4 cyl Std bore 3 7/16" (87.312mm) JP107A Recommended max oversize +040"



### Bedford



HC, 5/6cwt van 1203cc, CR 6.5:1, 4 cyl Std bore 2 1/2" (63.5mm) JPO121 1938-46

1.5625" (39.7mm) (75.4mm) (75.4mm) (0.875" (22.2mm)

2x2mm 2x4mm P RBP

JCV 10/12 cwt light van 1442cc, OHV, CR 6.8:1 4 cyl PC, 10/12cwt van 1442cc, OHV, CR 6.4:1, 4 cyl Std bore 2.7362" (69.5mm) JP0122

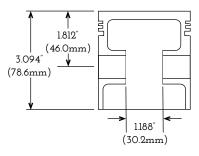
1940-48

1949-52

3.590° (91.2mm) 3.590° (25.4mm)

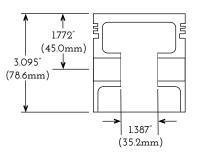
2x2mm 2x5/32" P RBP 5C +0.620" (15.75mm) 0.6250" (15.88mm)

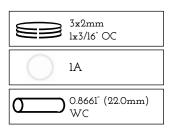
CA 10/15cwt van 1507cc, OHV, 4 cyl Std bore3 1/8" (79.4mm) JPO487 1952-63



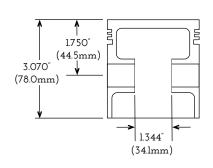
2x3/32° lx3/16° OC

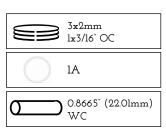
10/17cwt van 1594cc, OHV, CR 8.5:1, 4 cyl Std bore 3.214" (81.6mm) JPO129 1964-68





1/2 ton 2651cc, OHV, 6 cyl Std bore 3 1/4" (82.55mm) JPO433



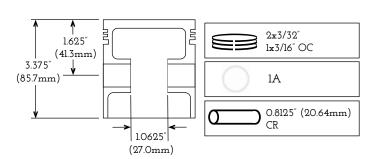




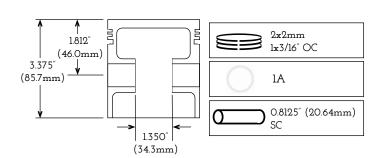
#### Bedford



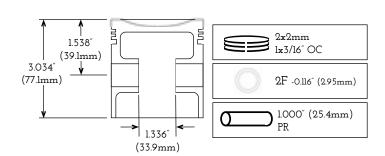
Series K, M, O, W, TA, 214, 3/4-5 ton, Tractor 6-8 ton 1938-57 3519cc, OHV, 6 cyl Std bore 3 3/8" (85.73mm) JPO125



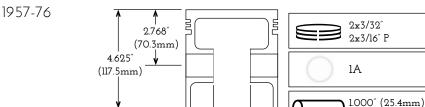
214 Engine 3519cc, OHV, 6 cyl Std bore 3 3/8" (85.73mm) JP0128



CF2300, 22, 25, 35cwt, CF9700 Range 1972-84 2279cc, OHC, CR 7.3:1, 4 cyl Std bore 3.840" (97.536mm) JP0919

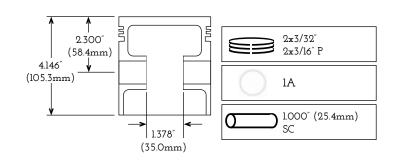


300 Engine, C3, D3, S3, SB3 4927cc, OHV, CR 6.9:1, 6 cyl Std bore 37/8" (98.4mm) JP0523



1.563" (39.7mm)

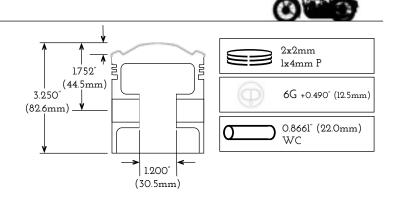
S Series 4927cc, OHV, CR 6.7:1, 6 cyl Std bore 37/8" (98.4mm) JP0779 1950-56

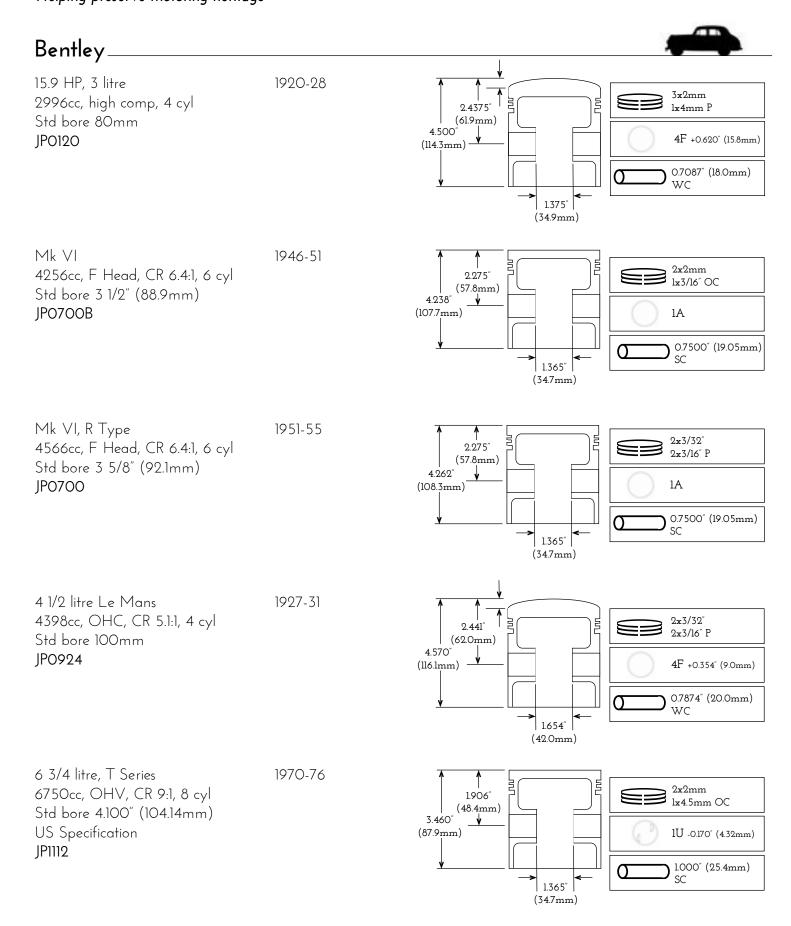




Benelli.

650 Tornado 643cc, OHV, CR 9:1, 2 cyl Std bore 84mm JPO850





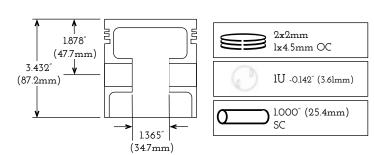
В4



## Bentley\_



6 3/4 litre, T Series 6750cc, OHV, CR 9:1, 8 cyl Std bore 4.100" (104.14mm) JP1113



### Berkeley\_

1956-57

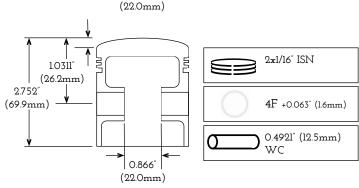
Sports (Excelsior) 328cc, 2 stroke, air cooled, CR 7.5:1, 2 cyl Std bore 58mm JP1052 2x3/32° AC SN

2x5/2°
(69.9mm)

4F +0.063° (16mm)

0.866°
(22.0mm)

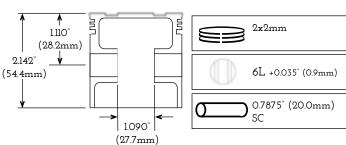
Sports, Sports 4 492cc, 2 stroke, air cooled, CR 7.5:1, 3 cyl Std bore 58mm JP1054 1957-58



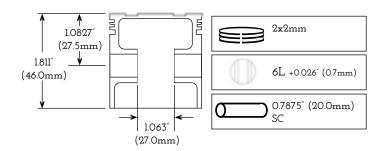
### Bitzer

4

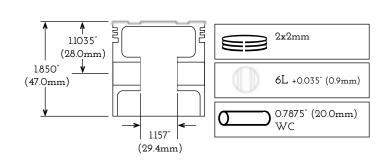
H6 Compressor Std bore 70mm JPO833



G6 Compressor Std bore 75mm JPO291



6F Compressor Std bore 82mm JP0786



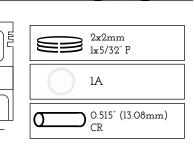
#### 

1934-37

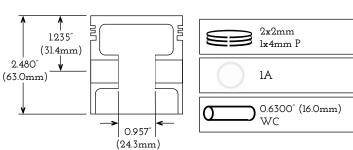
1937-39

1952-55

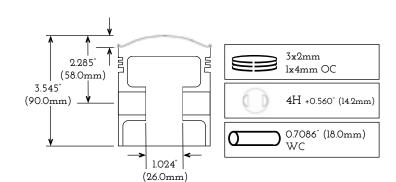
1936-38



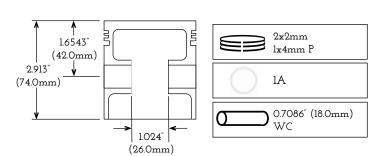




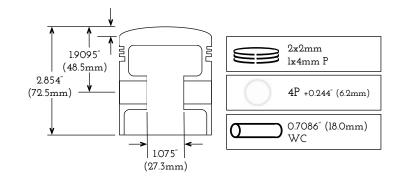


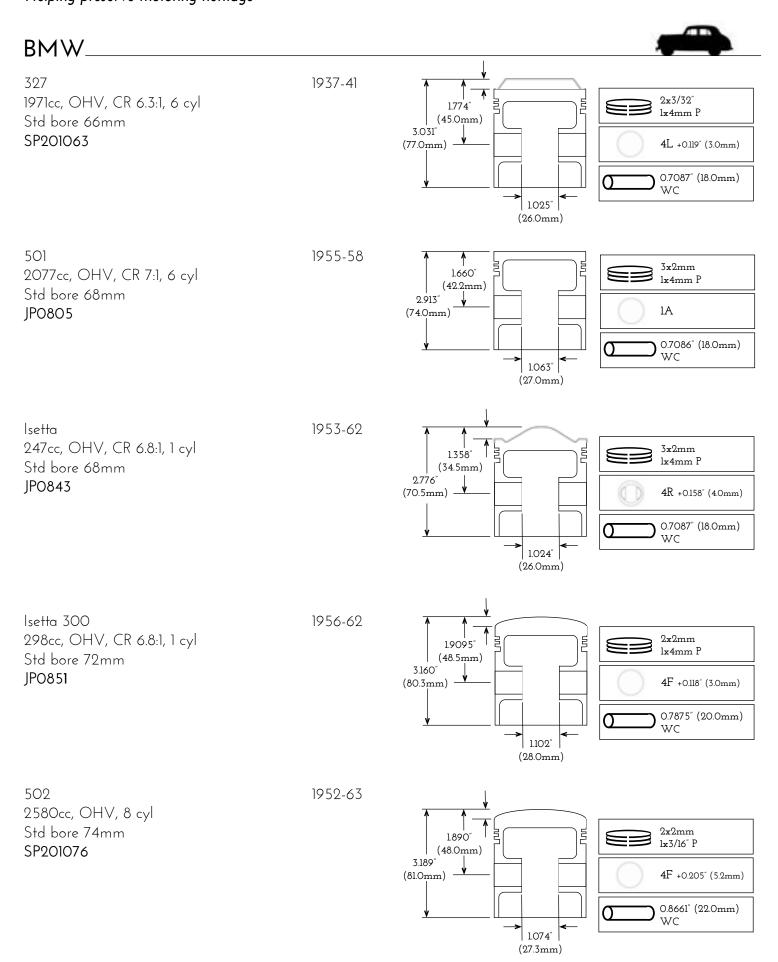


501, 501A, 501B 1971cc, OHV, CR 6.8:1, 6 cyl Std bore 66mm JP0785

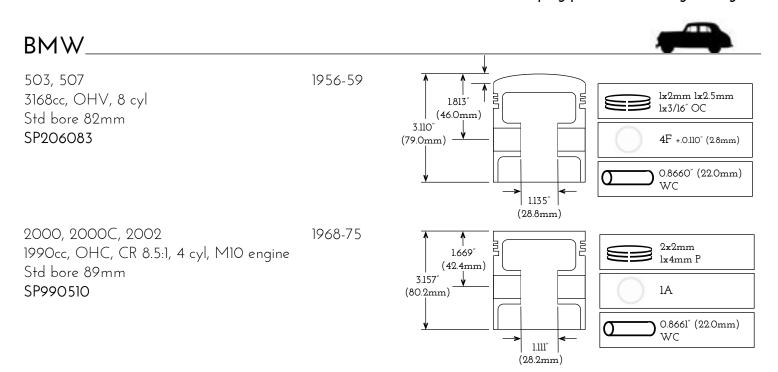


320, 321, 326, 327 1971cc, OHV, CR 6.8:1, 6 cyl Std bore 66mm JPO812





R8



#### BMW.



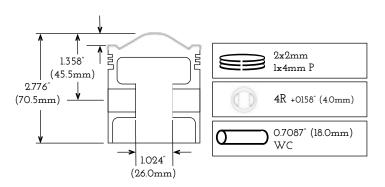
R52 486cc, SV, CR 5:1, 1 cyl Std bore 63mm **SP212211**  1928-29

2x1/16"
(31.3mm)
2.134"
(54.3mm)

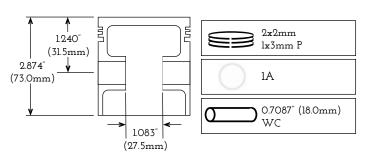
1.055"
(26.8mm)

R24, R25 247cc, OHV, CR 6.75:1, 1 cyl Std bore 68mm JPO843

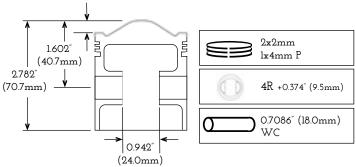
1948-51



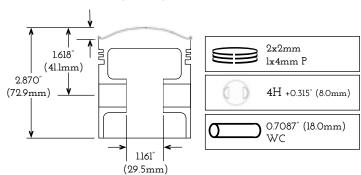
R42 494cc, SV, CR 4.9:1, 2 cyl Std bore 68mm JP0857 Minimum size +020" 1926-28



R51/3 494cc, OHV, CR 6.3:1, 2 cyl Std bore 68mm SP203028 1951-55



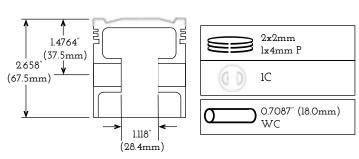
R66 595cc, OHV, CR 6.8:1, 2 cyl Std bore 69mm **SP200080** 



#### BMW.

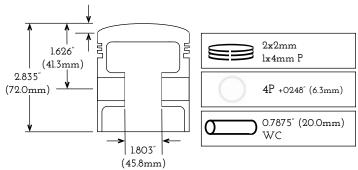


R35, 14PS 342cc, OHV, CR 6:1, 1 cyl Std bore 72mm JPO822 1937-40

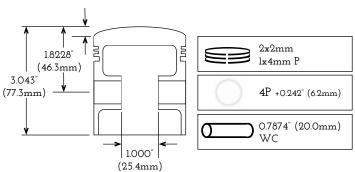


R60; 60/2 594cc, CR 7.5:1, 2 cyl Std bore 72mm JP0866 suits 130mm conrod

1959-69

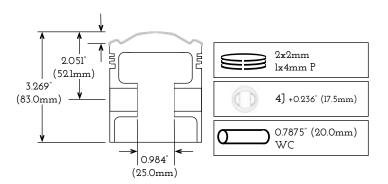


R6O/2 594cc, CR 7.5:1, 2 cyl Std bore 72mm JPO568 suits 125mm conrod 1959-69

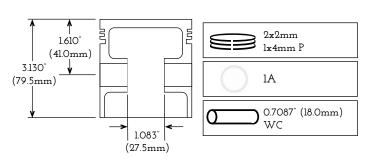


R69, R69S 594cc, OHV, CR 9.5:1, 2 cyl Std bore 72mm JP1079

1955-69



R4 398cc, OHV, CR 5.4:1, 1 cyl R11 745cc, SV, CR 5.5:1, 2 cyl R12 745cc, SV, CR 5.2:1, 2 cyl Std bore 78mm JPO854 1931-36 1930-34



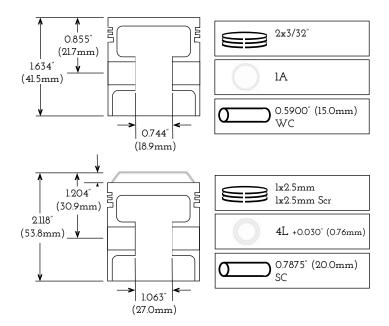


### Bock



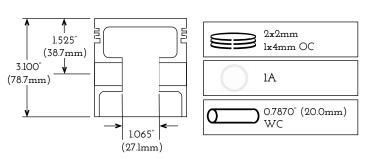
F4 Compressor Std bore 55mm JPO831

F5, AM5 Compressor Std bore 70mm JP0832

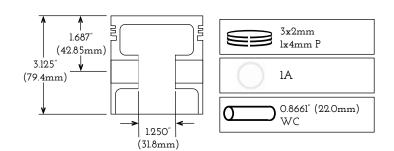


### Borgward

Hansa 1100 1093cc, OHV, CR 7.3:1, 4 cyl Std bore 74mm SP208048 1958-61



Hansa 1500 Isabella, Isabella TS, Coupe 1493cc, OHV, CR 6.8:1 4 cyl Std bore 75mm JPO381 1949-53 1954-61





## Briggs & Stratton.



WM/G75 Mower (Suffolk) Std bore 2.000" (50.8mm) JP0284

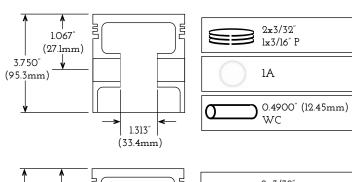
2 1/2 HP & 3 HP Horizontal, 6, 8C Std bore 2 3/8" (60.325mm) JPO457

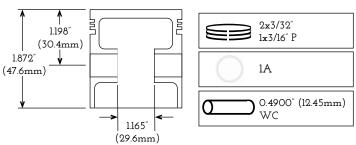
Old 4 HP, 10200-10900 Series Std bore 2 1/2" (63.5mm) JP0640

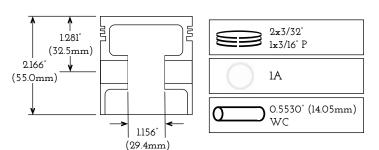
3 1/2 HP, 92500-92900, 130200 Series Std bore 2 9/16" (65.1mm) JP0641 only available in standard size

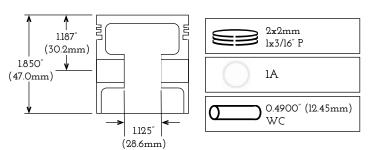
6 HP, 141000-143000 Series Std bore 2 3/4" (69.85mm) JP0639

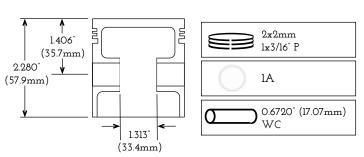
4 HP 1100 Series Std bore 2 25/32" (70.6mm) JP0656

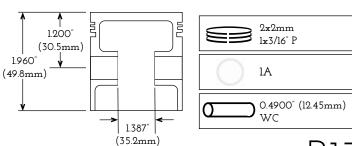










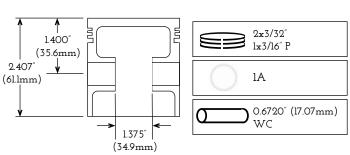


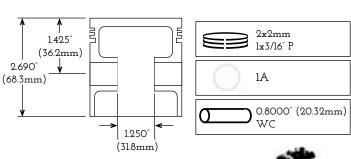
### Briggs & Stratton



7 & 8 HP Cast Iron Bore Std bore 3.000" (76.2mm) JP0696

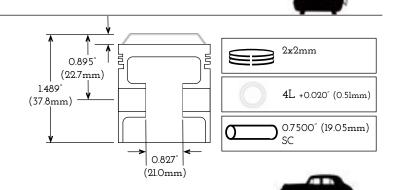
11 HP Cast Iron Bore Std bore 3 7/16" (87.3mm) JPO695





### Bristol.

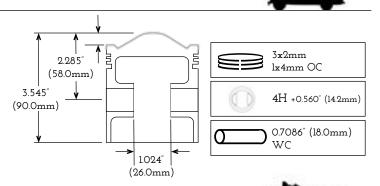
Compressor Std bore 2 1/4" (57.2mm) JPO846



#### Bristol

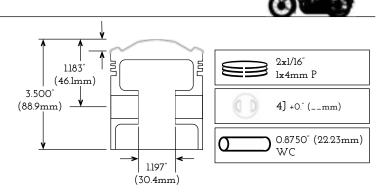
400, 401, 402, 403, 404, 405 1971cc, OHV, CR 8.5:1, 6 cyl Std bore 66mm JPO731

1947-50



## **Brough Superior**

CS 498cc, SV, CR 5:1, 1 cyl X 990cc, SV, CR 5:1, 2 cyl Std bore 3 3/8" (85.725mm) JPO445 1933





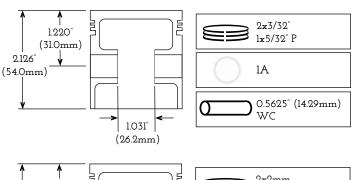
### **BSA**

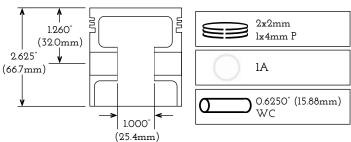


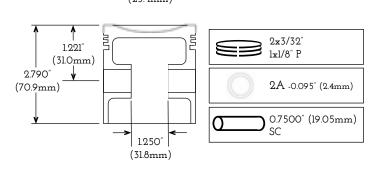
Model C 120cc, SV, 1 cyl Std bore 56mm JPO365

10 HP 1203cc Std bore 21/2" (63.5mm) JP0343

Industrial 'E' 42Occ, SV Std bore 82mm JPO585



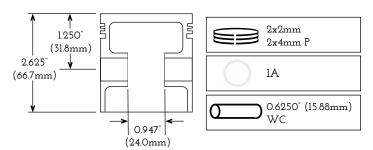




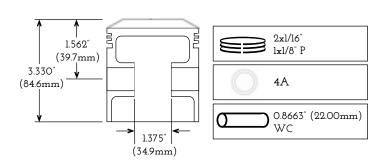
### $\mathsf{BSA}$

Scout, 9HP, three wheeler 1075cc, SV, 4 cyl Std bore 60mm JP0775

1933-34



Scout, V-twin, three wheeler 1021cc, OHV, CR 4.5:1, 2 cyl Std bore 85mm SP207027



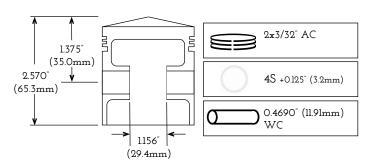
## Helping preserve motoring heritage



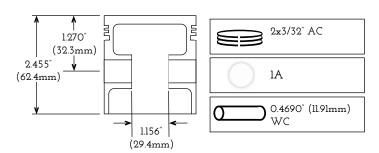
Bantam Major 148cc, 2 stroke, 1 cyl Std bore 57mm JPO564

**BSA** 

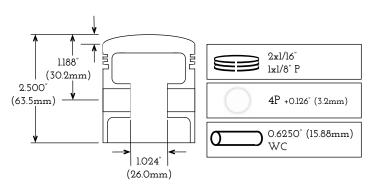
1954



Bantam Major 150cc, 2 stroke, 1 cyl Std bore 57mm SP240021 1955-58



C11, C11G, C12 249cc, OHV, 1 cyl Std bore 63mm JPO474 1939-57



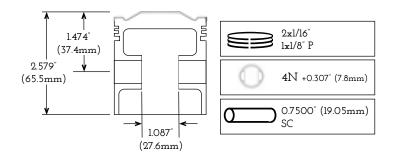
B1, B2O 249cc, SV, 1 cyl B2, B18 249cc, OHV, 1 cyl C1O, C1OL 249cc, SV, 1 cyl Std bore 63mm JPO475 1933-36

1935-36

1938-57

1.000° (25.4mm) 1.024° (60.3mm) 1.024° (26.0mm) 2xl/16° 1x4mm P 1A

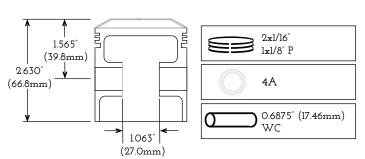
A50, 500 Star 498cc, OHV, CR 7.5:1, 2 cyl Std bore 65.5mm JPO874



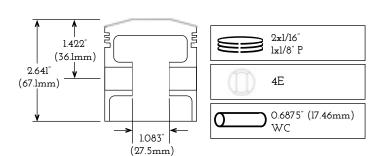
**BSA** 



A7 497cc, OHV, CR 6.6:1, 2 cyl Std bore 66mm JPO628 1951-60



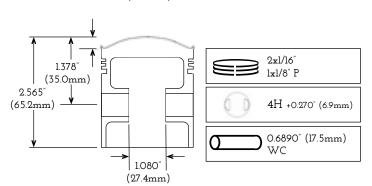
C15, 250 Star 249cc, OHV, CR 7.5:1 Std bore 67mm **SP109707** 



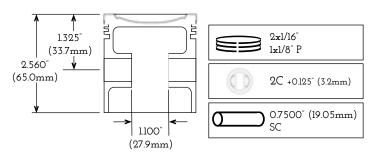
C25 Barracuda B25 Starfore 249cc, OHV, CR 9.5:1, 1 cyl Gold Star 250SS, B25SS, Victor 250 B25T 247cc, OHV, CR 10:1, 1 cyl Std bore 67mm JP0876

1967-68 1969-71

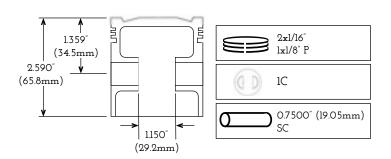
1971



A10, Golden Flash 650cc, OHV, CR 6.5:1, 2 cyl Std bore 70mm JP0642 1950-59



A10, Golden Flash 650cc, OHV, CR 7.25:1, 2 cyl Std bore 70mm JPO652



#### BSA.



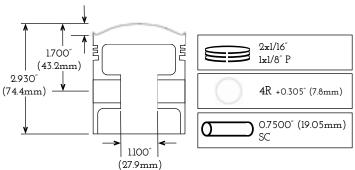
A10, Golden Flash, A10 Super Rocket, Rocket Gold Star 650cc, OHV, CR 8:1, 2 cyl Std bore 70mm JP0665

1950-59

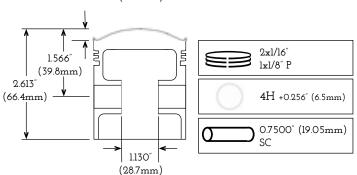
1.420° (36.0mm) (67.3mm) 1C 1.125° (28.6mm) 2x1/16° 1x1/8° P

A10, Golden Flash, A10 Super Rocket, Rocket Gold Star 650cc, OHV, CR 9:1, 2 cyl Std bore 70mm JP0624

1950-59



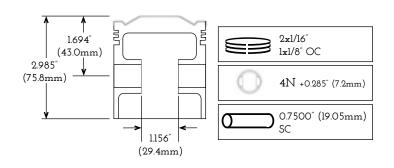
B32, Goldstar 348cc, OHV, CR 9:1, 1 cyl Std bore 2.793" (70.942mm) SP240001 1954-59



R35-4, R36-17 B23 C23, B26 B30-WD, C12 B31, B32 348cc, OHV, CR 6:1, 2 cyl Std bore 71mm JPO867

1935-36 1939 1940 1941 1946-59

A65, 650 Star 654cc, OHV, CR 7.5:1, 2 cyl Std bore 75mm JPO643



### BSA



A65, 650 Star

A65R Rocket, A65L Lightning,

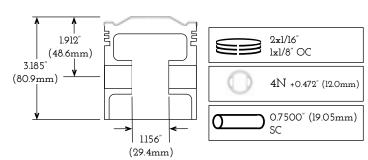
A65T Thunderbird, A65SS Spitfire,

A65FS Firebird Scrambler

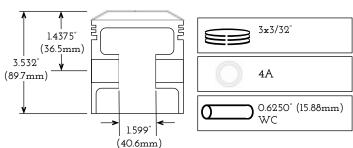
654cc, OHV, CR 9:1, 2 cyl

Std bore 75mm

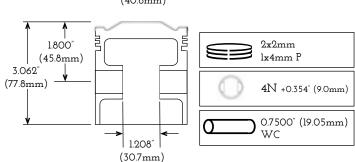
JP0643A



E25, E26, E27, E28, E29, E30-14 ,E31-11 1925-32 77Occ, SV, 2 cyl Std bore 76mm JP1087



B40, SS90 343cc, OHV, CR 8.75:1, 1 cyl Std bore 79mm SP204088



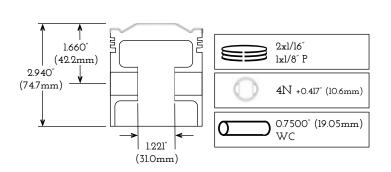
B44, Shooting Star

441cc OHV, CR 9.4:1, 1 cyl

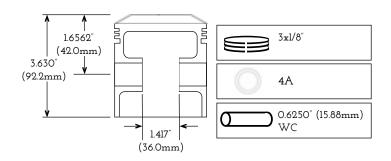
Std bore 79mm

JPO581

Recommended maximum oversize +040"



S25, S26, S27, S28, S29, S30-9, S31-7 1925-31 493cc, SV, 1 cyl Std bore 80mm JP1084





### **BSA**



S27, S28, S29, S30-12, S30-13, S30-19 S31-9, S31-10, S32-8 493cc, OHV, 1 cyl Std bore 80mm SP206046

1927-32

1.500" (38.lmm) (77.9mm) 1.530" (38.9mm) 2x2mm lx4mm P 1C 0.7500" (19.05mm) WC

G14, World Tour 986cc, SV, CR 4.4:1, 2 cyl Std bore 80mm SP212005 1932-39

1.468" (37.3mm) (79.6mm) (35.0mm) (35.0mm) (35.0mm) (35.0mm) (2x2mm |x4mm P 4A

Q7, Q8, Empire Star 496cc, OHV, 1 cyl Std bore 82mm SP990551 1936

2xl/16"
(30.9mm)
2.756"
(70.0mm)

1.287
(32.7mm)

WD, M20 496cc, SV, CR 4.9:1, 1 cyl Std bore 82mm JP0615 1937-55

1.618"

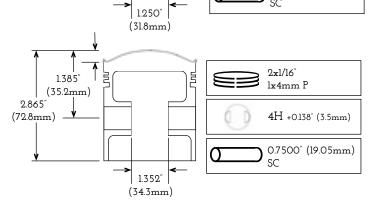
(4l.lmm)

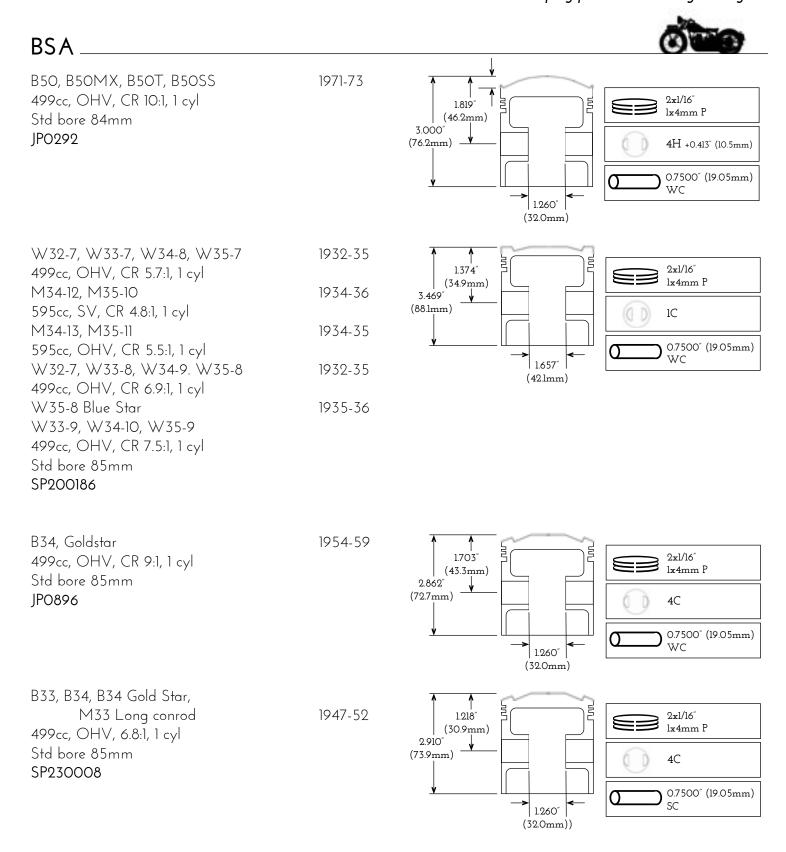
3.458

(87.8mm)

3x2mm lxl/8" P

M23, Silver Star Empire 500cc, OHV, CR 7.2:1, 1 cyl Std bore 82mm SP208058







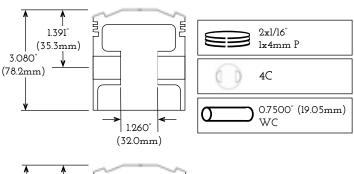
### BSA



B33, B34, B34 Gold Star, M33 Long conrod 499cc, OHV, 7.5:1, 1 cyl Std bore 85mm SP212212

B33, B34, B34 Gold Star, M33 Long conrod 499cc, OHV, 8.5:1, 1 cyl Std bore 85mm SP990000 1947-52

1947-52



1.516" (38.5mm) 3.205" (81.4mm) 4C +0.236" (6.0mm) 3.260" 0.77500" (19.05mm)

(32.0mm)



#### Buick Series 50, 56, 56C, 56S, 57, 58 1932-35 2x3/32" 235cui, OHV, 8 cyl 2.094" lx3/16" P (53.2mm) Std bore 2 31/32" (75.4mm) 3.563" 1A JP0742 (90.5mm) 0.7500" (19.05mm) 1.250" (31.8mm) Standard '6', Series 20 1925 2.255" 2x3/32" 191cui, OHV, 6 cyl lx3/16" P (57.3mm) Std bore 3" (76.2mm) 3.625" lΑ JP0678 (92.lmm) 0.7500" (19.05mm) σ 1.250" (31.8mm) Series 40 A, B 1938-50 2x3/32" 248cui, OHV, CR 6.15:1, 8 cyl 2.743" 2x3/16" P Std bore 3 3/32" (78.6mm) (69.7mm) 4.290" JP0115 5F +0.484" (12.3mm) (109.0mm)\_ 0.8125" (20.64mm) 1.063" (27.0mm) Standard 6 1926-29 2x3/32" 207cui, OHV, 6 cyl 2.250" lx3/16" OC (57.2mm) Std bore 3 1/8" (79.4mm) 3.806" JP0114 lΑ (96.7mm) 0.7500" (19.05mm) 1.200" (30.5mm) Marquette, Series 30 1930 2x3/32" 2.250" 213cui, SV, 6 cyl lx3/16" P (57.2mm) Std bore Std bore 3 1/8" (79.4mm) 3.750" 1A JP0117 (95.3mm) 0.8125" (20.64mm) 1.250" (31.8mm)



#### Buick



Series 116 239 cui, OHV, CR4.3:1, 6 cyl Std bore 3 5/16" (84.1mm) JP0697

Series 22, 23, 24
34, 35, 36, 37
170cui, OHV, 4 cyl
44, 45, 46, 47, 48, 49, 50, 50L, 54, 55
242cui, OHV, 6 cyl
Std bore 3 3/8" (85.7mm)
JP0733

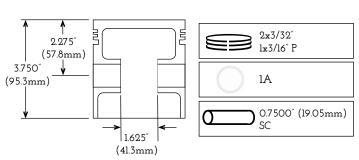
1925

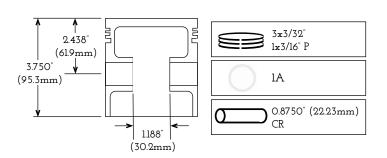
1936-37

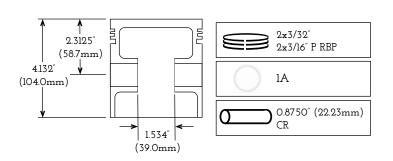
Master '6', Series 40 & 50 255cui, OHV, 6 cyl Std bore 3 3/8" (85.7mm) JP0712

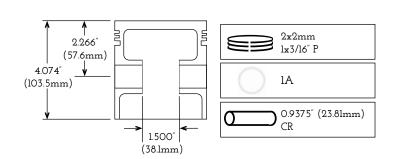
Series 60, 80, 90 320cui, OHV, CR 5.9:1, 8 cyl Std bore 3 7/16" (87.3mm) JPO380

Series 121, 129, Master 6 310cui, OHV, CR 4.3:1, 6 cyl Std bore 3 5/8" (92.1mm) JP0710 2.335" (59.3mm) (102.6mm) 1.313" (33.4mm)











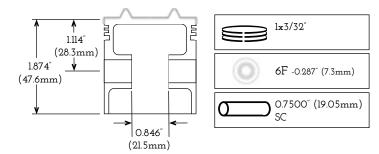
#### Cadillac\_ Series 452, Series 60 1930-40 2x2mm 452cui, OHV, 16 cyl 1.677 lx4mm P (42.6mm) Std bore 3" (76.2mm) 3.436" lΑ (87.3mm) SP202030 0.7500" (19.05mm) 1.563" (39.7mm) 314, 314A 1926-28 2x3/32" lx3/l6" OC 314cui, SV, 8 cyl 1.984" (50.4mm) Std bore 3 1/8" (79.38mm) 3.359 1A (85.3mm) SP203043 0.7500" (19.05mm) 1.535" (39.0mm) 55, 57, 59, 61, V63 1917-25 2x2mm 314cui, L-head, 8 cyl 1.4375" lx4mm P (36.5mm) Std bore 3 1/8" (79.38mm) 3.3125" 1A SP202084 (84.lmm) 0.7500" (19.05mm) 1.500" (38.lmm) 341A, 341B 1928-29 2x2mm lx3/l6" ? 34lcui, SV, 8 cyl 1.485" (37.7mm) Std bore 3 5/16" (84.14mm) 3.359 1A JP1100 (85.3mm) 0.8750" (22.23mm) $\sigma$ 1.568" (39.8mm) 353, 355 1929-35 2x2mm| 1.797" 355cui, L-Head, 8 cyl lx3/16" P (45.6mm) Std bore 3 3/8" (85.73mm) 3.625" lΑ (92.lmm) SP205070 0.8750" (22.23mm) σ 1.608" (40.8mm)



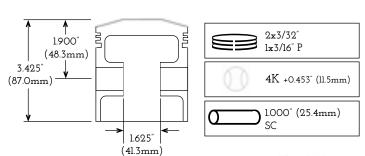
### Carlyle\_



PH Compressor Std bore 2 1/4" (57.2mm) JP0816



46 Compressor Std bore 3 1/4" (82.55mm) JP0754



### Caterpillar\_

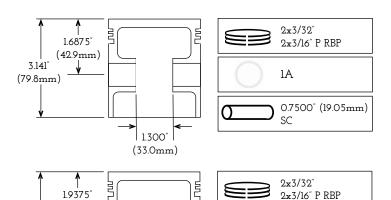


lΑ

0.8750" (22.23mm)

D2, D4, DR4 Std bore 2 3/4" (69.9mm) JP0154

D6 (D4600) Starter Engine Std bore 3 1/4" (82.55mm) JP0152

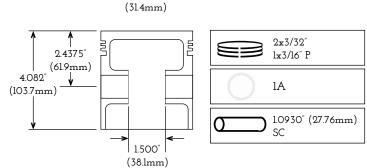


(49.2mm)

3.686"

(93.6mm)

RD6, RD7, RD8, Power units D6100/Late, D6600, D7700, D8800, D11000, D13000 Std bore 3 5/8" (92.1mm) JP0153



1.236"

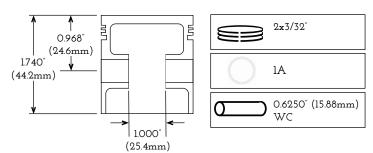
 $\sigma$ 



## Canadian



Chainsaw Std bore 2 1/4" (57.15mm) JPO638



#### Chevrolet All cars & trucks 1929-36 1.875" 2x3/32''194 cui, OHV, CR 5:1, 6 cyl lx4mm P (47.9mm) Std bore 3 5/16" (84.1mm) 1A (93.lmm) -JP0135 0.9900" (25.15mm) 1.330" (33.8mm) All cars 1937-40 2x1/8" 216.5 cui, OHV, CR 6.25:1, 6 cyl lx3/16" P 2.235" Std bore 3 1/2" (88.9mm) (56.8mm) 3.760 JP0130 4F +0.275" (7.0mm) (95.5mm) 0.8650" (21.97mm) 1.250" (31.8mm) All cars 1941-53 2x3/32" 217 cui, OHV, CR 6.5:1, 6 cyl 2x3/16" P (52.4mm) Std bore 3 1/2" (88.9mm) 3.647 lΑ (92.6mm) JP0134 0.8650" (21.97mm) 1.281" (32.6mm) All cars & trucks 1925-62 1 2.078 2x3/32" 235 cui, OHV, CR 7.5:1, 6 cyl lx3/16" P (52.8mm) Std bore 3 9/16" (90.5mm) 3.515" 1A (89.3mm) JPO432 0.8650" (21.97mm) 1.280" (32.5mm) All four cylinder cars & trucks 1914-28 2x1/8" 171 cui, OHV, 4 cyl 1.938" lx3/16" P (49.2mm) Std bore 3 11/16" (93.7mm) 3.714 lΑ JP0627 (94.3mm) 0.8500" (21.59mm) 1.160"

(29.5mm)

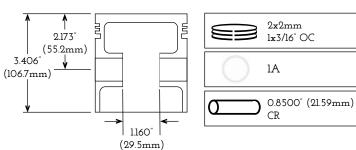


### Chevrolet

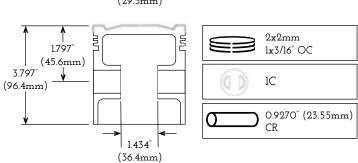


All four cylinder cars & trucks
171 cui, OHV, 4 cyl (high compression)
Std bore 3 11/16" (93.7mm)
SP203068

1914-28



Bel Air, Impala, Del Ray, Biscayne 283 cui, OHV, CR 8.5:1, 8 cyl Std bore 3 7/8" (98.4mm) JPO306



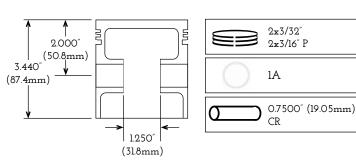


#### Chevrolet All trucks 1929-36 1.875" 2x3/32" 194 cui, OHV, CR 5:1, 6 cyl lx4mm P (47.9mm) Std bore 3 5/16" (84.1mm) 3.665" lΑ (93.lmm) JP0135 0.9900" (25.15mm) $\sigma$ 1.330" (33.8mm) 4403 1937 2x1/8" 216.5 cui, OHV, CR 6.25:1, 6 cyl 2.235" lx3/16" P Std bore 3 1/2" (88.9mm) (56.8mm) 3.760 JP0130 4F +0.275" (7.0mm) (95.5mm) 0.8650" (21.97mm) 1.250" (31.8mm) All trucks 1952-62 2x3/32" 235 cui, OHV, CR 7.5:1, 6 cyl 2.078" lx3/16" P (52.8mm) Std bore 3 9/16" (90.5mm) 3.515" lΑ JPO432 (89.3mm) 0.8650" (21.97mm) 1.280" (32.5mm) Truck 1957-59 2x2mm26lcui, 6 cyl 2x3/16" P 2.080" (52.8mm) 3.750" Std bore 3 3/4" (95.25mm) 1A (95.3mm) JP0384 0.9270" (23.55mm) σ

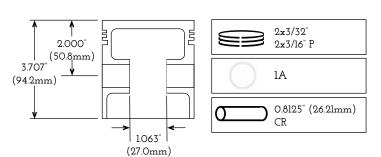
1.313" (33.4mm)

# Chrysler\_\_\_\_\_

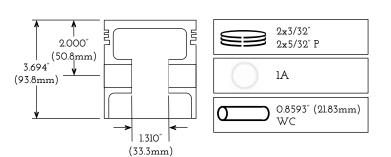
60, 62, B-70 210cui, SV, CR 4.7:1, 6 cyl Std bore 3" (76.2mm) JP0687 1924-28



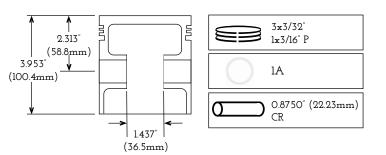
Series 70, 66, 65 218 cui, SV, CR 5.2:1, 13/16" Pin, 6 cyl Std bore 3 1/8" (79.4mm) JPO138 1926-28



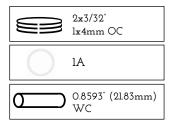
CD Series 2 261cui, SV, CR 5.2:1, 8 cyl Std bore 3 1/8" (79.4mm) JP0141 1931-32



Series 75 200cui, SV, CR 5.2:1, 6 cyl Std bore 3 1/8" (82.55mm) JP0737 1929

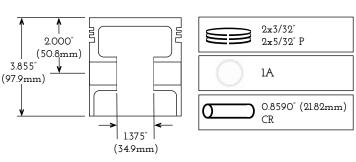


Series 72, 75, C Series (except CD Series) 1928-40 249cui, SV, CR 5.2:1, 6 cyl Std bore 3 1/4" (82.55mm) JP0142 2.000° (50.8mm) (93.8mm) (93.8mm) 1.417° (36.0mm)



### Chrysler\_

C Series, Air Stream, Richmond, Royal 6 24lcui, SV, CR 6:1, 6 cyl Std bore 3 3/8" (85.73mm) JPO143 1934-41

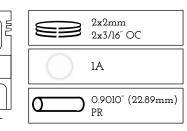


Valiant RV1, SV1, AP5; VC, VE, AP6 170, 225cui, OHV, CR 8.6:1, 6 cyl Std bore 3.400" (86.4mm) JP0501 1962-70

1.760"

(44.7<sub>mm</sub>)

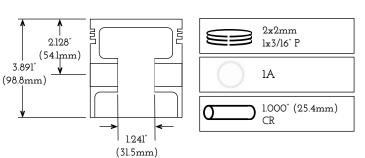
(89.2mm)



CS5300 CS5300



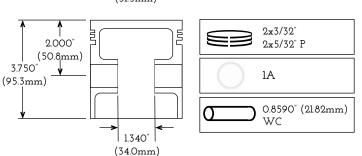
Imperial 80 289cui, SV, 6 cyl Std bore 3 1/2" (88.9mm) SP205095 1926-27



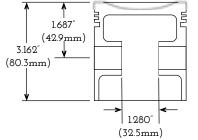
1.375" (34.9mm)

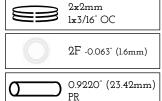
C34, C38, C45, C51, C60, C62 Royal Windsor 251cui, SV, CR 7:1, 6 cyl Std bore 3 7/16" (87.31mm) JP0144

1942-54



Valiant VG, VH, VJ; Charger, Ranger 215 cui, OHV, 6 cyl Std bore 3.520" (89.4mm) JPO502









### Chrysler\_



Valiant AP6, VC, VE 273cui, OHV, 8 cyl Std bore 3 5/8" (92.075mm) JP0149

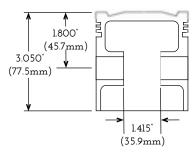


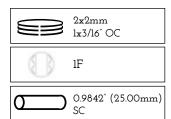
Series 50, 52, 30, 80 Imperial L 170cui, SV, CR 4.7:1, 4 cyl Std bore 3 5/8" (92.075mm) JP0150 1965-69

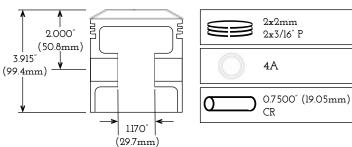
1927-29

1970-81

1957-63





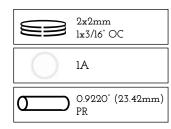


VG, VH, VJ, VK, CL, CM 245cui, hemi, CR 9:1, 6 cyl Std bore 3.760" (95.5mm) JPO480 available from +040" only

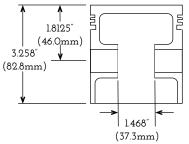


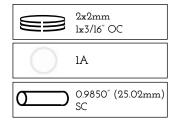
1.709° (43.4mm)
3.285° (83.4mm)

1.406° (35.7mm)



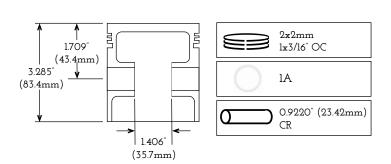
Royal (AP1-3) 313cui, 8 cyl, A Series engine Std bore 3/7/8" (98.4mm) JPO145





Charger VK, CL; Valiant CK, CL, CM, VH, VK, CH, CJ 1971-81 265cui, hemi, 6 cyl Std bore 3.910" (99.3mm) JPO647







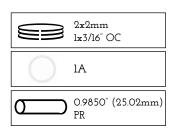
### Chrysler\_



A635-21, A636-76; Charger; CJ Ranger; Valiant VG, VH, CH; VIP; D5N Series A634-11 318cui, OHV, 8 cyl Std bore 3.910" (99.3mm) JP0699

1976-80

3.236" (43.7mm) (82.2mm) 1.438" (36.5mm)



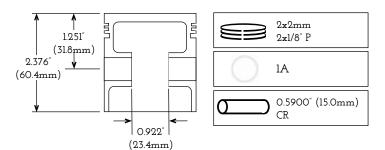
CS5000 CS5010 CS

#### Citroen.



5CV 856cc, SV, 4 cyl Std bore 55mm SP204099 available from +040" only

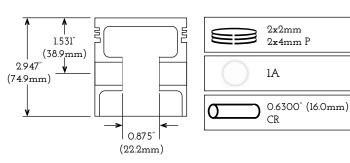
1922-26



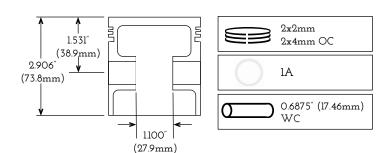
#### Commer



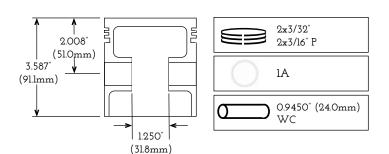
6/8 cwt SV, 4 cyl Std bore 63mm JP0181 1938-48



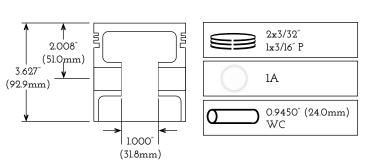
Mk IV & V, Supervan, Express Delivery Van, 8cwt, Cob 5-7 cwt 1950-58 SV, CR 6.6:1, 4 cyl Std bore 2 9/16" (65.1mm) JPO182



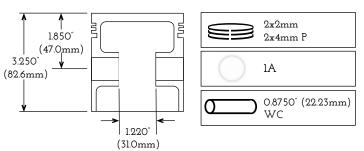
Q15, Q25 (late models), N2, N3, N4, PN3, Q2, Q3, Superpoise, 3-/40/60 cwt 1935-49 1944cc, SV, CR 6.4:1 Std bore 75mm JP1042



NI Series A, Q15, Q25, 15/20/25 cwt (early models) 1938-50 2300cc, 4 cyl Std bore 75mm JP0186



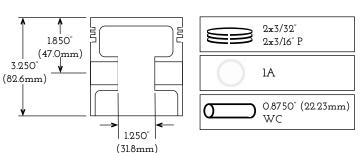
Express Delivery Van Mk VIII 1390cc, OHV, CR 8:1, 4 cyl Std bore 3" (76.2mm) JP1020



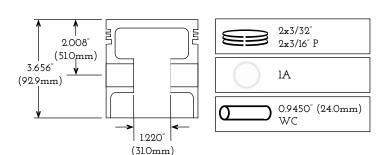
#### $\mathsf{Commer}_{-}$



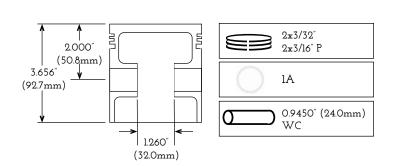
Express Delivery Van, 8cwt, 15cwt 1494cc, OHV, CR 8.5:1, 4 cyl Std bore 79mm JP1024



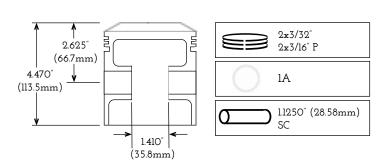
Superpoise, 15/25cwt 2267cc, OHV, CR7:1, 4 cyl 2267cc, SV, CR 6.3:1, 4 cyl Std bore 3 3/16" (81mm) JP1021 1950-64



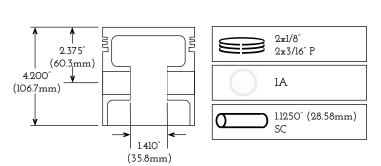
LNF5, N5, PN4, PNF4, PNF5, PCNF5,
Q2, Q3, Q4, Q5, 2-6.5ton,
24/26 seater Passenger, Commando,
Tractor-Trailer, 6/10 ton
1936-51
4086cc, SV, 6 cyl
Std bore 85mm
JP0187
Chrome rings must not be fitted



1.5, 2-10 ton, Q2, Q3, Q4, Superpoise 4139cc, OHV, 6 cyl Std bore 3 1/2" (88.9mm) JP0189 Do not fit chrome rings



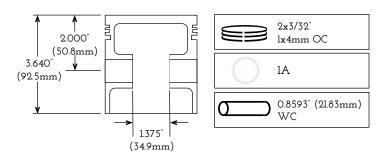
34.8 H.P. R, 4.75 Litre, 5-7 ton, Avenger,
Sloping Engine, Tractor
1948-52
4139cc, OHV, CR 6.15:1, 6 cyl
Std bore 3 3/4" (95.25mm)
JP0188
Do not fit chrome rings



#### Continental



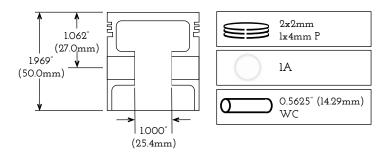
F4140, F140, F6209, 24B, Power Unit PF140, Z120 1966cc, OHV, CR 6:1, 4 cyl F6209, 24B, Industrial F209, Power Unit PF209 6 cyl Std bore 3 3/16" (81mm) JP0748



### Cooper\_



1 HP 1 cyl Std bore 2 1/4" (57.2mm) JPO590

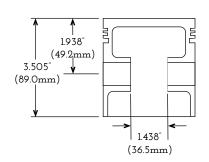


### Coventry Climax



Welding Plant Type Z, Forklift Truck Model ZQ SV, 4 cyl Std bore 78mm JP0136

1933-39

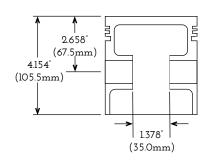


2x3/32" lx3/l6" P

lA

0.8750" (22.23mm) WC

Sky-Zone, Forklift CDE, Diesel 6 cyl Std bore 90mm JP0796 1953



3x3/32° lx3/16° OC lx3/16° P

1A

1.1865" (30.14mm) SC



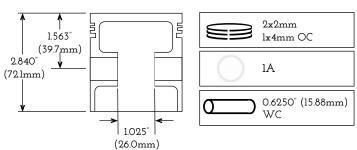
### Crossley



Regis 6 1476cc, OISE, CR 6.2:1, 6 cyl Std bore 59mm JP0601 1935-39

2x2mm 2x4mm P 1375° (34.9mm) 1A 07500° (19.05mm) SC

10 Torquay Regis 4 1122cc, OHV, CR 6:1, 4 cyl Std bore 63mm JPO519 1933-34 1934-37

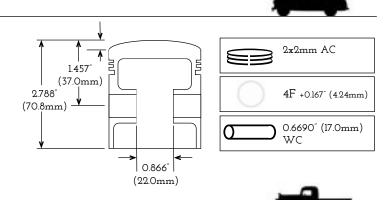






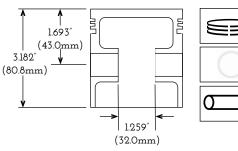
Compagno 800 799cc, OHV, 2 cyl Std bore 62mm JP0649

1965-67



#### Daihatsu

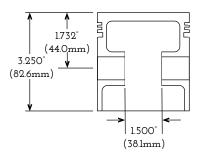
V100/150/200 1490cc, OHV, CR 8.2:1, 4 cyl, FA engine Std bore 78mm JP0650 1964-70



2x2mm lx4mm OC

0.8661" (22.0mm)

V200, Hi-Line 1861cc, OHV, 4 cyl, FB engine Std bore 85mm JP0651 1960-72

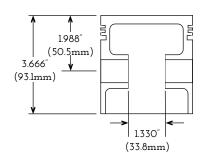


2x2mm lx4mm OC

1A

0.9450" (24.0mm) WC

Delta D200, D300, DV24, DV26L, DV26T, DV32, DV36M, SV4, SV18L, SV24, SV26T, SV32, V20, V21, V22H, V23, V24, V40; F50, F55 2530cc, CR 21:1, 4 cyl, DG diesel engine Std bore 88mm JP0655



3x2mm lx4mm OC

6P

1.024" (26.0mm)
SC

#### Daimler 3.8 Litre, Majestic 1958-60 3x2mm3794cc, OHV, CR 7.6:1, 6 cyl 1.852" lx4mm OC (47.0<sub>mm</sub>) Std bore 3.400" (86.4mm) 3.460" 1A (87.9mm) JP0346 0.8750" (22.23mm) $\sigma$ 1.375" (34.9mm) 20 HP 1934-36 3x2mm 2687cc, OHV, 6 cyl 1.752" lx4mm OC (44.5mm) Std bore 72mm 3.140 1A JP0576 (79.8mm) 0.866l" (22.0mm) 1.130" (28.7mm) 2.5 Litre V8, Sp250 Dart 1960-70 2x1/16" 2548cc, OHV, CR 8.2:1, 8 cyl 1.495" lx4mm OC (38.Qmm) Std bore 3" (762.mm) 2.800" 4M +0.275" (7.0mm) (71.lmm) JP0658 0.7500" (19.05mm) σ 1.094" (27.8mm) DB18, Consort, Special Sports 1939-53 3x2mm 1.950" 2522cc, OHV, CR 7:1, 6 cyl lx4mm OC (49.5mm) Std bore 2.740" (69.6mm) 3.350" 1A JP0660 (85.lmm) 0.8500" (21.59mm) 1.000" (25.4mm) DE27 1946-51 3x1/16" 4095cc, OHV, CR 6.3:1, 6 cyl 2.051" lx3/16" OC (52.0<sub>mm</sub>) **DE36** 1946-53 3.779 1A 5460cc, OHV, CR 6.3:1, 8 cyl (96.0mm) Std bore 3.350" (85.1mm) 0.8500" (21.59mm) $\sigma$ JP0713 1.250" (31.8mm)



#### Daimler\_ Regency Mk II, Sportsman 1954-55 2x2mm104 1955 1.852" lx3/16" OC (47.0<sub>mm</sub>) 3468cc, OHV, CR 6.7:1, 6 cyl 3.236" lΑ (82.2mm) Std bore 3 1/4" (82.55mm) JP0730 0.8750" (22.23mm) 1.250" (31.8mm) Majestic Major 1958-60 2x1/16" 4561cc, OHV CR 8:1, 8 cyl lx4mm OC É 1.683" 1 3.250 (42.8mm) Std bore 3 3/4" (95.25mm) 4] +0.325" (8.3mm) JP0885 (82.6mm) 0.8750" (22.23mm) 1.500" (38.lmm) 20 & 24 1936-40 3x2mm 3317cc, OHV, 6 cyl 1.988" lx3/16" P (50.5mm) 4 1/2 Litre Straight Eight 1936-40 3.366 lΑ 4624cc, OHV, 8 cyl (85.5mm) Std bore 80mm 0.8661" (22.0mm) $\sigma$ JP0897 1.004" (25.5mm) Double-Six, Vanden Plas 1971-76 2x2mm1.563" 5343cc, OHC, CR 9:1, 12 cyl lx4mm OC (39.7mm) Std bore 90mm 3.188" 2F -0.280" (7.lmm) JP1045 (81.0mm) 0.9375" (23.8lmm) 1.250" (31.8mm) Sovereign 4.2 1965-78 2x2mmSovereign 4.2Series III 1978-86 1x3/16" OC 1.842" 1 3.531" (46.8mm) 4235cc, DOHC, CR 8:1, 6 cyl 4P +0.226" (5.7mm) Std bore 3 5/8" (92.1mm) (89.7mm) <u>\(\forall\)</u> JP1046 0.8750" (22.23mm) σ 1.375"

(35.0mm)



#### Daimler. Conquest 1953-59 1.800" 3x1/16" Conquest Century 1956-59 lx3/16" OC (45.7<sub>mm</sub>) 2433cc, OHV, CR 7:1, 6 cyl 3.458" lΑ Regency Mk I (87.8mm) 1951-52 2952cc, OHV, CR 6.7:1, 6 cyl O.8750" (22.23mm) $\sigma$ Std bore 3" (76.2mm) 0.938" JP0661 (23.8mm) 15 1933-35 3x2mm1.505" lx5/32" OC 2003cc, OHV, 6 cyl 2.750" (38.2mm) Std bore 2 1/2" (63.5mm) lΑ (69.9mm) JP0755 0.7088" (18.0mm) $\sigma$ O.813" (20.7mm) 15 1937-38 3x2mm 2166cc, OHV, 6 cyl 1.575" lx4mm P (40.0mm) Std bore 66mm 2.938 1A JP0759 (74.6mm) 0.7088" (18.0mm)

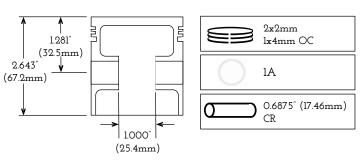
 $\sigma$ 

1.000" (25.4mm)

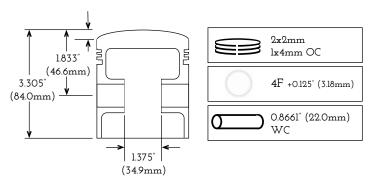
### Datsun (see also Nissan)



1000	1958-64
988cc, OHV, CR 8:1, 4 cyl	
Bluebird 1200	1958-69
1189cc, OHV, CR 8.2:1, 4 cyl	
Bluebird 1300	1958-69
1299cc, OHV, CR 8.2:1, 4 cyl	
Cedric De Luxe	1966-69
1973cc, OHV, CR 8.3:1, 4 cyl, J20 engine	
Std bore 73mm	
JPO4O4	



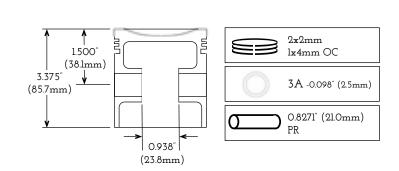
Cedric	1960-62
Sports, Fairlady	1963-65
1488cc, OHV, CR 9:1, 4 cyl, G engine	
Std bore 80mm	
JPO693	



180B (610) 1600 SSS, 610, 710	1971-76 1973
1770cc, OHC, 4 cyl, L18 engine	
200B (810)	1977-81
Bluebird 910	1981-85
1952cc, OHC, 4 cyl, L20B engine	
Std bore 85mm	
JPO4O5	
high compression	

1.500"		2x2mm lx4mm OC
(38.lmm) 3.375" <b>v</b> (85.7mm)		1A
<b>↓</b>	<u> </u>	O.8271" (21.0mm)
	0.938"   (23.8mm)	

180B (610)	1971-76
1600 SSS, 610, 710	1973
1770cc, OHC, 4 cyl, L18 engine	
200B (810)	1977-81
Bluebird 910	1981-85
1952cc, OHC, 4 cyl, L20B engine	
Std bore 85mm	
JPO4O5A	



#### De Soto Series K 1928-29 2x3/32" 175 cui, SV, CR 5.2:1, 6 cyl 2.000" lx3/16" P (50.8mm) Std bore 3 (76.2mm) JP1058 (87.4mm) 0.7500" (19.05mm) 1.250" (31.8mm) SC, SD 1932-33 2x3/32" 218 cui, SV, CR 5.4:1, 6 cyl 2.000" lx5/32" OC (50.8mm) Std bore 3 1/4" (82.55mm) 3.687 lΑ JP1055 (93.7mm) 0.8593" (21.83mm) 1.340" (34.0mm) Airflow SE, SG, Airstream SF, S1, 2x3/32" S2, S3, S5, S6, S7S, S8 1934-41 2.010" 2x5/32" P (51.lmm) 241 cui, SV, CR 6:1, 6 cyl 3.375" 1A Std bore 3 3/8" (85.73mm) (85.7mm) JP1056 0.8591" (21.82mm) $\sigma$ 1.375" (35.0mm) S10, S11, S13, S14, S15, S18, S20, 2x3/32" 2.000" Custom, Powermaster 1942-54 lx5/32" OC lx5/32" P (50.lmm) 3.750" 251 cui, SV, CR 7.0:1, 6 cyl lΑ Std bore 3 7/16" (87.31mm) (95.3mm) JP1057 0.8590" (21.82mm) 1.340" (34.0mm) Delage\_ DI, II, CV4, DM17, CV6 1994-30 2x3/32" 2121cc, OHV, 4 cyl; OHV, 6 cyl 2.165" lx3/16" P 2.105 (55.0mm) 3.543" Std bore 75mm 1A (90.0mm) SP201012 0.9843" (25.0mm)

1.260" (32.0mm)

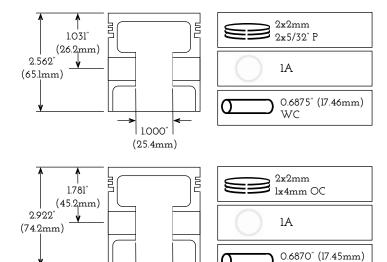


#### Dellow\_



Mk I, II A/B, III 1172cc, SV, CR 6.16:1, 4 cyl Std bore 2 1/2" (63.5mm) JP0166

Mk IIC, IIE, III, IV, V, VI 1172cc, SV, CR 7:1, 4 cyl Std bore 2 1/2" (63.5mm) JP0168



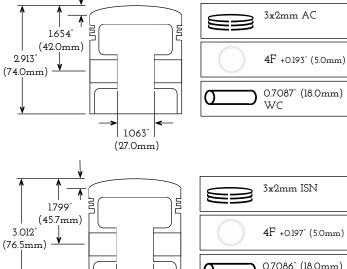
#### DKW

RT350 348cc, CR 6.2:1, 1 cyl Std bore 62mm SP230015

RT200/2, 200S, 200VS 197cc, CR 6.5:1, 1 cyl Std bore 66mm JP0859

1955-56

1955-58



1.088" (27.6mm)

1.040" (26.4mm)

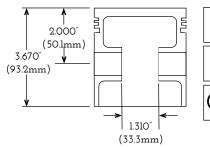
> 3x2mm ISN 4F +0.197" (5.0mm) 0.7086" (18.0mm)

### Dodge\_



DP, DQ, D6, D7, D9, D10, D12, D13, D15, D16 201 cui, SV, CR 5.5:1, 6 cyl Std bore 3 1/8" (79.4mm) JPO238

1933-41

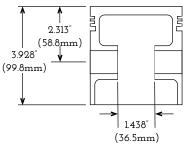


2x3/32° P

1A

0.8593° (21.83mm)

Senior Series 2249, 2251, 2252 224 cui, SV, CR 5.3:1, 6 cyl Std bore 3 1/4" (82.55mm) JP0735 1927-28



3x3/32" lx3/l6" P

0.8593" (21.83mm)

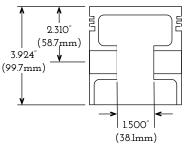
Victory, De Luxe Senior, Custom Six, D Series: DL after eng. no. DL1139, DR, DS, DU, D2, D5, D8, D11, D14, D17, D19, D22, D24, D29, D30, D33, D34, D41, D42 1931-57 212cui, SV, CR 5.2:1, 6cyl

212cui, SV, CR 5.2:1, 6cyl Std bore 3 1/4" (82.55mm) JPO239 3.637" (92.4mm) (34.8mm)

1A 0.8593" (21.83mm)

2x3/32"

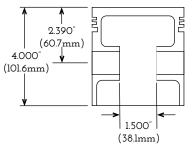
Series DA 208 cui, SV, CR 5.2:1, 6 cyl Std bore 3 3/8" (85.7mm) JP0159 1928-30



2x3/32° 2x3/16° P 1A

0.8590° (21.82mm)
WC

Series DA (high compression) 208 cui, SV, CR 5.2:1, 6 cyl Std bore 3 3/8" (85.7mm) SP210023 1928-30



2x3/32° 2x3/16° P 1A

0.8590° (21.82mm)
WC

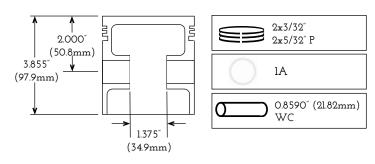


### Dodge\_

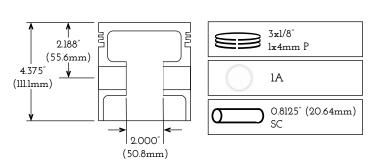


D8-D16, D19-D25, D30-D32, D34-D36, D39, D40, D42, D43, Kingsway, Custom, D49, D54, Crusader, Regent 1938-58 218 cui, SV, CR 5.4:1, 6 cyl Std bore 3 3/8" (85.7mm)
JPO240

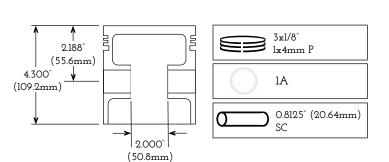
1922-28



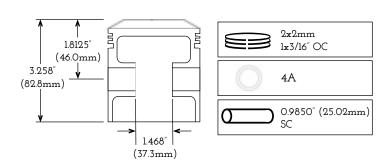
First & Second Series 212 cui, SV CR 4:1, 4 cyl Std bore 3 7/8" (98.4mm) JPO630



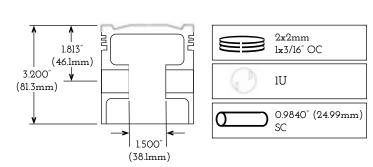
Fast Four 1927-28 212 cui, SV CR 4:1, 4 cyl Std bore 3 7/8" (98.4mm) JPO630A



Custom Royal (Canada) 1958-64 313cui, 8 cyl, Chrysler A Series engine Std bore 3 7/8" (98.4mm) JPO145



Phoenix, Coronet 1960-67 318 cui, OHV, CR 9:1, 8 cyl Std bore 3.910" (99.3mm) JP0148



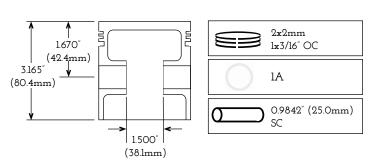


### Dodge\_



AT4, 318-3 DF3, Series 4-5-5H, 6-6H, engine profix A6-66 318 cui, OHV, 8 cyl Std bore 3.910" (99.3mm) JP0722

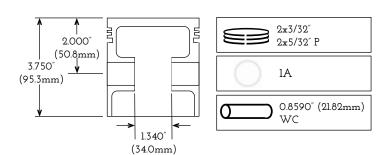
1975-81



### Dodge\_



100 'Kew' 250 cui, SV, CR 6.6:1, 6 cyl Std bore 3 7/16" (87.3mm) JPO254 1942-57

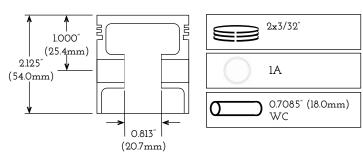








500 Compressor Std bore 2 1/4" (57.2mm) JP0766

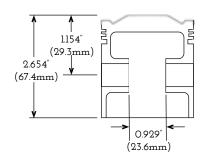


#### Douglas.

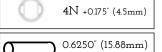


Dragon-Fly, T35 348cc, OHV, CR 8:1, 2 cyl Std bore 2.394" (60.8mm) JP0777

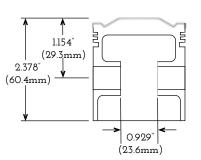
1955-57



lxl/l6" lxl/6" Scr



Dragon-Fly, T35 348cc, OHV, CR 8:1, 2 cyl Std bore 2.394" (60.8mm) JP0777A 1955-57

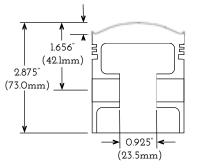


2x1/16" 1x3/32" Scr

4N +0175" (4.5mm)

0.6250" (15.88mm) WC

T35 Mk I & II 348cc, OHV, CR 6.1:1, 2 cyl Std bore 2.394" (60.8mm) SP240019 1946-47

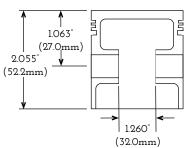


3 2x2mm lx4mm P

4H +0.591" (15.0mm)

O.6250" (15.88mm) WC

349cc, CR 6.1:1, 2 cyl Std bore 61mm JP0868 1907-25



2x3/32"

1A





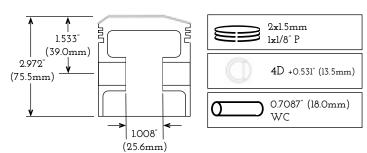


Ducati\_



250 Monza (w/case) 249cc, CR 8:1, 1 cyl Std bore 74mm JP0611

1967-74

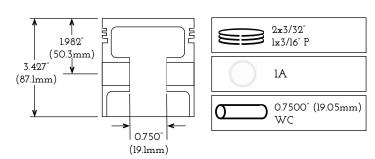




#### Durant\_



60, 66 185cui, OHV, 6 cyl Std bore 2 7/8" (73.03mm) SP200164 1929





#### Elva Courier Mk I 1953-61 l 1.650" 2x2mm1489cc, OHV, CR 8.2:1, 4 cyl lx4mm OC (4l.9mm) Std bore 2 7/8" (73.025mm) 3.030" 2A -0.140" (3.6mm) (77.0mm) JP0229 0.6875" (17.46mm) 1.000" (25.4mm) Courier Mk III 1962-65 1.660" 3x1/16" 1622cc, OHV, CR 8.9:1, 4 cyl lx4mm OC (42.2mm) Std bore 3" (76.2mm) 3.025" 1A -JP0397 (76.8mm) 0.7500" (19.05mm) 1.000" (25.4mm) Courier Mk IV 1962-65 **^** 1.665″ 3x1/16" 1798cc, OHV, CR 9.7:1, 4 cyl lx4mm OC (42.3mm) Std bore 3.1596" (80.25mm) 2.830" JP0545 1A -(71.9mm) 0.7500" (19.05mm) 1.045" (26.5mm) Courier Mk IV 1962-65 1.531" 2x1/16" 1499cc, OHV, CR 9:1, 4 cyl lx3/16" OC (38.9mm) Std bore 85mm 2.530" IPO499 1A -(64.3mm) Recommended max. oversize +060 0.8125" (20.06mm) Racing WC 1.188" (30.2mm)



#### Essex Challenger 1929-31 **↑** 1.687″ 2x2mm2x211111 lx5/32" P 161 cui, SV, CR 5.8:1, 6 cyl (42.9mm) Std bore 2 3/4" (69.85.mm) 3.U62" **y** (77.8mm) 1A -JPO434 0.7500" (19.05mm) 1.190" (30.2mm) 1919-24 1.840" 2x3/32" 180cui, SV, 4 cyl lx4mm P (46.7mm) Std bore3 3/8" 3.590" SP200134 (9l.2mm) lΑ 0.8750" (22.23mm)

1.400" (35.6mm)



1.287

2x3/32" AC

#### Excelsior\_

Supertalisman, S8, S9 1957-60 Goblin, G2, Autobyk, Spryt, S1 1946-56

98cc, 1 cyl

Std bore 50mm

SP980830

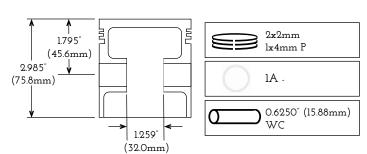
Supertalisman, S8, S9 328cc, 2 stroke, air cooled, CR 7.5:1, 2 cyl Std bore 58mm JPO801

Supertalisman, S8, S9 1957-60 328cc, 2 stroke, air cooled, CR 7.5:1, 2 cyl Std bore 58mm JPO801A

1925-31

Super X 746cc, IOE, 2 cyl Std bore 77mm SP207025

(32.7<sub>mm</sub>) 2.827 4F +0.236" (6.0mm) (71.8mm) 0.4921" (12.50mm) 0.906" (23.0mm) 2x3/32" AC 1.031" (26.2mm) 2.752" 4F +0.063" (1.6mm) (69.9mm) 0.4921" (12.50mm) 0.866" (22.0mm) 2x1/16" ISN 1.031" (26.2mm) 2.752" 4F +0.063" (l.6mm) (69.9mm) 0.4921" (12.50mm) 0.866" (22.0mm)





#### Ferguson\_



0.8750" (22.23mm)

0.8593" (21.83mm)

TEA-20 1850cc, CR 5.7:1, 4 cyl Std bore 80mm JPO248 1948-52

1.957" (49.7mm) 3.394" (86.2mm)

2x2mm lx3/l6° OC

TE-20 1966cc, OHV, CR 6:1, 4 cyl Std bore 3 3/16" (80.96mm) JP0748

1946-48

2.000° (50.8mm) 3.640° (92.5mm) (92.5mm)

1.200" (30.5mm)

2x3/32° lx4mm OC

WC

 $\sigma$ 

TED-20 TVO fuel 2088cc, OHV, 4 cyl Std bore 85mm JP0289 1948-56

3.400° (49.8mm) (86.4mm) (35.lmm)

3x2mm lx4mm OC

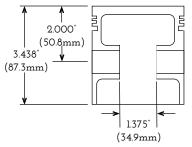
IA

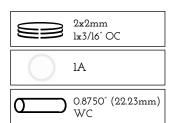
0.8750" (22.23mm)

TED-20 Petrol 2088cc, OHV, 4 cyl Std bore 85mm JPO266 1948-56

3x2mm |x4mm OC | |3.440" | 1A | |3.440" | 1A | |3.51mm |

TE-35, TVO, Kero 2186cc, OHV 4 cyl Std bore 87mm JPO386

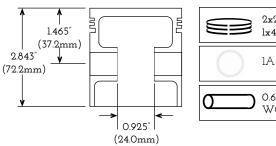




#### Fiat\_



500A, B, C, Topolino 569cc, OHV, CR 7:1, 4 cyl Std bore 52mm SP202104 1938-53

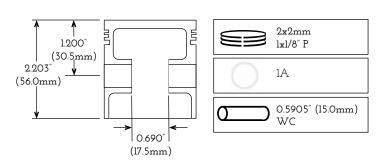


2x2mm lx4mm P

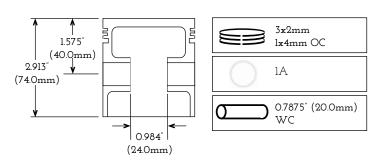
1A

0.6875" (17.5mm)
WC

501 1460cc, SV, 4 cyl Std bore 65mm SP202104 1919-26

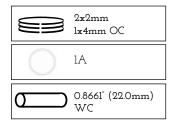


500 Bambino 497cc, OHV, CR 7:1, 4 cyl Std bore 66mm JP0563 1957-63

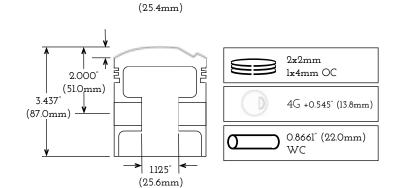


1100, 103 engine 1953-62 1089cc, CR 6.7:1 , 4 cyl 1100R, Engine Type: 103H 1966-70 1089cc, CR 8.1:1, 4 cyl Std bore 68mm JP0177

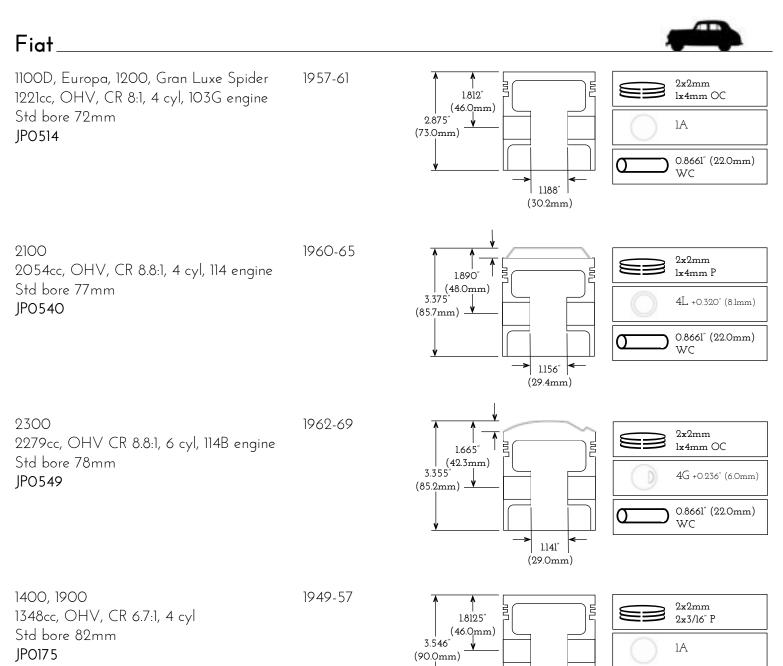
2.844" (46.0mm) (72.2mm) 1000"



1800, 1800B 1959-68 1795cc, OHV, CR 8.8:1, 6 cyl, 112 & 112B engines Std bore 72mm JP0539

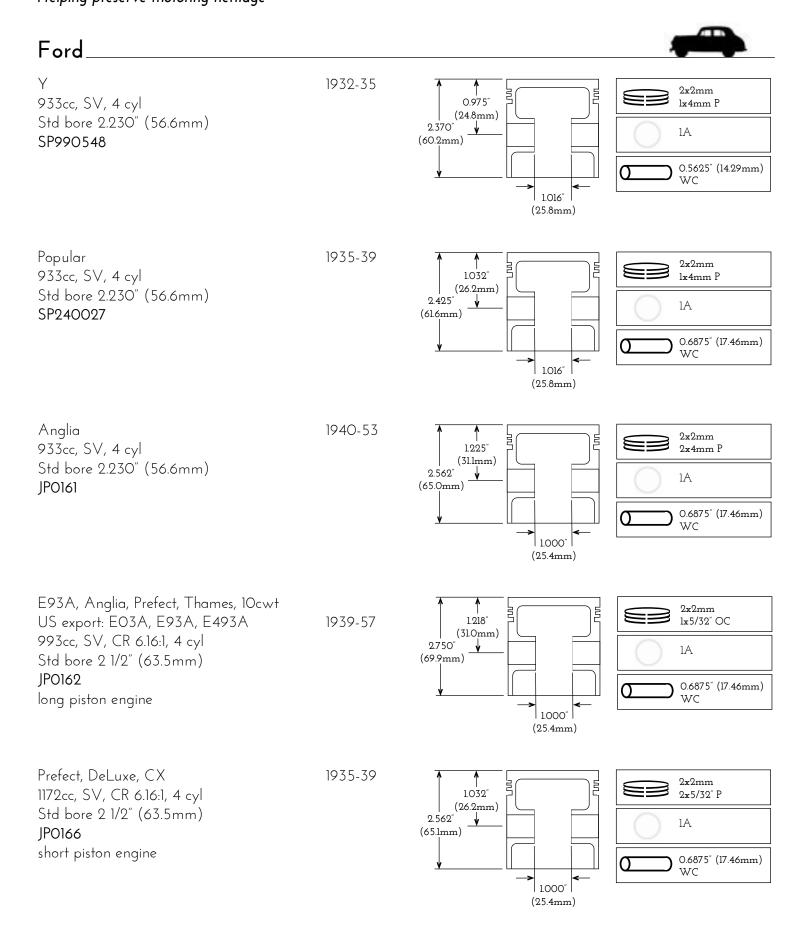






1.0240" (26.0mm)

1.280" (32.5mm)



F4

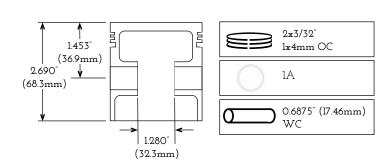


#### Ford

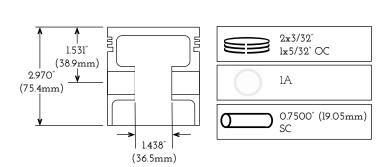


Anglia, Prefect, Squire, Taunus 12M, Escort, 1600 Series, Popular 100E 1952-61 1172cc, SV, CR 7:1, 4 cyl Std bore 2 1/2" (63.5mm) JP0168

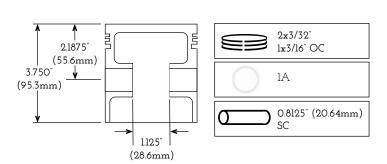
Vedette V8, F52A 1955-57 2353cc, SV, CR 7.2:1, 8 cyl Std bore 2.600" (66.04mm) JPO340



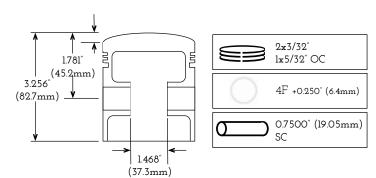
Model 18, 40, 48, 68, 78, 81A, 82A, 91A, 922A, 01A, 022A, Deluxe, Super Deluxe, 21A, 2GA 1932-36 221 cui, SV, CR 5.5:1, 8 cyl Std bore 3 1/16" (77.79mm) JPO439



GPW Jeep 1941-45 134cui, CR 6.48:1, 4 cyl Std bore 3 1/8" (79.4mm) JPO252



74, 78, 81A, 82A, 922A, 91A, O22A, O1A, 11A, 21A 1937-42 3622cc, 221 cui, SV, CR 6.3:1, 8 cyl Std bore 3 1/16" (77.79mm) JPO167



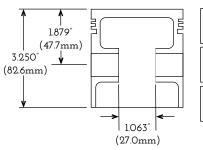
1951-56

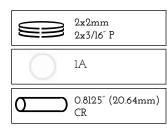
1951-56

### Ford

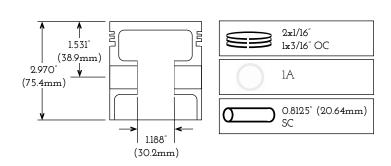


Consul
1508cc, OHV, CR 6.8:1, 4 cyl
Zephyr Mk I, Zodiac
2262cc, OHV, CR 6.8:1, 6 cyl
Std bore 3.126" (79.4mm)
JP0165

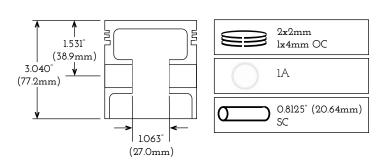




Anglia, 105E engine, Prefect	1960-68
997cc, OHV, CR 8.9:1, 4 cyl, 107E engine	
Anglia Super, Cortina	1963-68
1198cc, OHV, CR 8.7:1, 4 cyl, 113E engine	
Cortina	
Cortina Super	1963-67
1499cc, OHV, CR 8.3:1, 4 cyl, 116E engine	
Cortina GT	1963-65
1499cc, OHV, CR 9:1, 4 cyl, 122E engine	
Std bore 3 3/16" (80.95mm)	
JPO499	

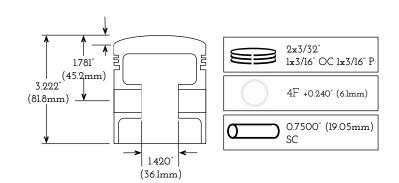


Anglia Super, Cortina 1962-68
1198cc, OHV, CR 8.7:1, 4 cyl, 113E engine
Cortina 1966-75
1298cc, OHV, CR 9:1, 4 cyl
Capri 335, Classic 315 1961-62
134occ, OHV, CR 8.5:1, 4 cyl
Capri, Classic, Corsair 1963-67
1499cc, OHV, CR 8.3-9:1, 4 cyl, 116E, 120E, 122E engines
Std bore 3 3/16" (80.95mm)
JPO570



Mercury 69A, 79A, 89A, 99A, 09A, 19A, 29A, 0BA, 1BA, 8BA, B2, B3, 69M, 79M, 89M 1946-53 239cui, SV, CR 6.8:1, 8 cyl Std bore 3 3/16" (80.95mm)

JP0164
3 3/4" stroke



### Ford

4" stroke

Mercury 69A, 79A, 89A, 99A, 09A, 19A, 29A, 0BA, 1BA, 8BA, B2, B3, 69M, 79M, 89M 1946-53 239cui, SV, CR 6.8:1, 8 cyl Std bore 3 3/16" (80.95mm)

JPO164A
3 3/4" stroke

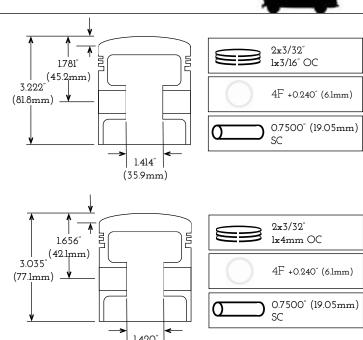
Mercury 69A, 79A, 89A, 99A, 09A, 19A, 29A, 0BA, 1BA, 8BA, B2, B3, 69M, 79M, 89M 1946-53 239cui, SV, CR 6.8:1, 8 cyl Std bore 3 3/16" (80.95mm) JP0164B

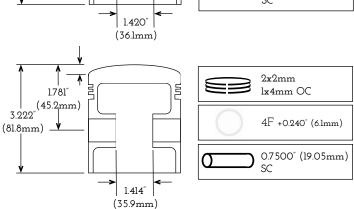
Mercury 69A, 79A, 89A, 99A, 09A, 19A, 29A, 0BA, 1BA, 8BA, B2, B3, 69M, 79M, 89M 1946-53 239cui, SV, CR 6.8:1, 8 cyl Std bore 3 3/16" (80.95mm)

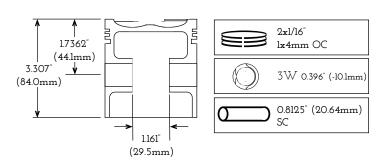
JP0164C
3 3/4" stroke
Racing

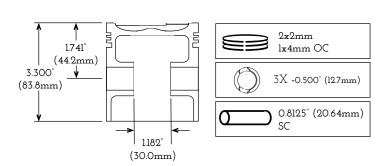
Cortina 1600 1966-73 Capri 1600, GT 1968-73 Escort Mexico 1972-75 1599cc, OHV, CR 10.5:1, 4 cyl, uprated 711E Std bore 3.1884" (80.98mm) JPO898

Escort 1100; Cortina 1100 1968-70 1098cc; OHV, CR 9:1, 4 cyl, 2733E engine Std bore 3.1884" (80.98mm)
JP0194









#### Ford.



Escort 1100, Cortina 1100 1098cc, CR 9:1, 4 cyl, uprated 711M Std bore 3.1884" (80.98mm) JP0914 1.737" (44.lmm) 3.300" V (83.8mm) 1.232" (31.3mm)

2x2mm lx4mm OC

3W -0.500° (127mm)

0.8125" (20.64mm)
SC

Escort 1300L, 1300GT 1298cc, OHV, CR 9:1, 4 cyl Std bore 3.1884" (80.98mm) JPO315

1968-80

1970-75

Cortina, Escort, Capri 1967-71 1599cc, OHV, CR 9:1, 4 cyl, 2737E engine Std bore 3.1889" (80.985mm) JP0637 3.280° (44.2mm) (83.3mm) 1.172° (29.8mm)

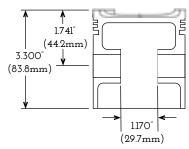
2x2mm lx4mm OC

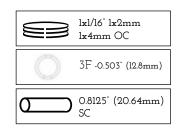
3A -0.500° (l27mm)

0.8l25° (20.64mm)

Cortina 1600, Escort Mexico 1970-75 1500cc, OHV, CR 9:1, 4 cyl Capri 1600, Capri 1600GT 1599cc, OHV, CR 9:1, 4 cyl, uprated 711M engine Std bore 3.1889" (80.985mm) JP0637A 2x2mm 1735° (44.lmm) 3.280° (83.3mm) 3F .0.500° (127mm) 0.8125° (20.64mm) SC

Cortina 1600, Escort Mexico 1970-75 1500cc, OHV, CR 9:1, 4 cyl Capri 1600, Capri 1600GT 1599cc, OHV, CR 9:1, 4 cyl, uprated 711M engine Std bore 3.1889" (80.985mm) JP0637B

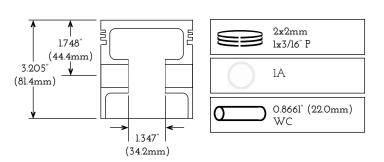




#### Helping preserve motoring heritage Ford V4 Closed Deck Engine 1975-80 lx2mm lx3mm 1498cc, OHV, CR 9:1, 4 cyl 1.793 lx4mm OC (45.6mm) Std bore 3.5442" (90.03mm) 3.321" JP0910 (84.4mm) 0.9449" (24.00mm) 1.181" (30.0mm) Telstar, Spectron 1983-89 2xl.5mm1587cc, OHC 4 cyl, F6 engine lx4mm OC 1.516 (38.5<sub>mm</sub>) Std bore 81mm JPO411 6A +0.180" (4.6mm) (66.7mm) -0.8661" (22.0mm)

Taunas 5M 1498cc, OHV, CR 6.8:1, 4 cyl Std bore 82mm JP0808

1955-58



1.188" (30.2mm)

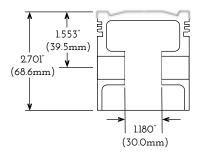
Consul MkII, 375, Zephyr Mk II, III, IV, Thames 10/12/15 cwt 1956-66 1703cc, OHV, CR 7.8:1, 4 cyl Zephyr, Zodiac, Mk II, III 1962-66 2553cc, OHV, CR 8.3:1, 6 cyl Std bore 3 1/4" (82.55mm) JP0160

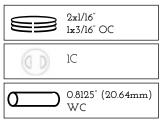
1.812" (46.0mm) 3.458" (87.8mm) 1.455" (37.0mm)

2x2mm 1x3/16" OC 1A 0.8750" (22.23mm)

Escort 1600 Twin Cam, Cortina, Cortina Twin Cam 1558cc, DOHC, CR 9.5:1, 4 cyl Std bore 3 1/4" (82.55mm) JP0484 Recommend max. oversize +.040"

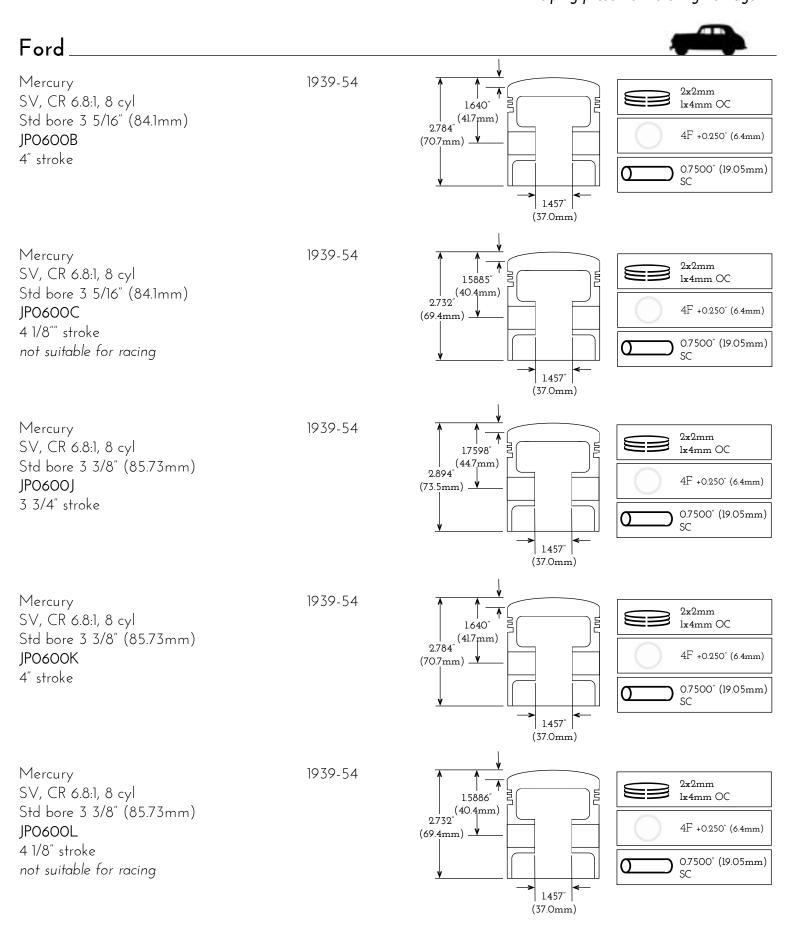
1964-71





#### Ford\_ Escort 1600 Twin Cam, Cortina, 2x1/16" 1.623" Cortina Twin Cam 1964-71 1x3/16" OC (41.2mm) 1558cc, DOHC, CR 9.5:1, 4 cyl 2.772" 4C +0.079" (2.0mm) Std bore 3 1/4" (82.55mm) (70.4mm) JPO484A 0.8l25" (20.64mm) Recommend max. oversize +.040" 1.180" (30.0mm) Cortina Racing 1960-70 2x1/16" 1.531" 1558cc, DOHC, CR 8.7:1, 4 cyl lx3/16" OC (38.9mm) Std bore 83mm 2.625 1A JPO486 (66.7mm) 0.8125" (20.64mm) $\sigma$ 1.188" (30.2mm) Taunas 17M 1957-64 2x2mm 1698cc, OHV, CR 7.1:1, 4 cyl 1.863" lx3/16" P (47.3mm) Std bore 84mm 3.606 lΑ JP0809 (91.6mm) 0.8661" (22.0mm) 1.347" (34.2mm) Taunas 17M/TS 1961-64 2x2mm 1758cc, OHV, CR 8.6:1, 4 cyl 1.893" lx3/16" OC (48.lmm) Std bore 3.366" (85.5mm) 3.650" 1A JP0810 (92.7mm) 0.8661" (22.0mm) 1.350" (34.3mm) 1939-54 Mercury 2x2mm SV, CR 6.8:1, 8 cyl lx4mm OC 1.760" 2.894" (44.7<sub>mm</sub>) Std bore 3 5/16" (84.1mm) 4F +0.250" (6.4mm) IP0600A (73.5mm) -3 3/4" stroke 0.7500" (19.05mm) $\sigma$ 1.457" (37.0mm)

F10



## Helping preserve motoring heritage

#### Ford.



Anglia, 105E 1963-66

897cc engine o/bored to 1098cc, CR 9.7:1

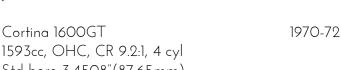
Anglia Super, Cortina 1963-68

1198cc o/bored to 1320cc, CR 9.48:1, 4 cyl, 113E engine Cortina Super 1963-67

1499cc o/bored to 1650cc, CR 9.5:1, 116E engine

Std bore 85mm

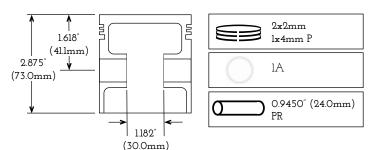
JPO485



2x1/16" lx3/16" OC 1.531" (38.9mm) 2.625 1A (66.7<sub>mm</sub>) 0.8125" (20.64mm) 1.188" (30.2mm)

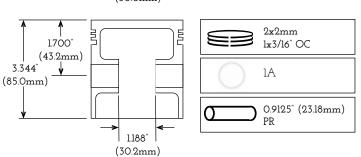


1960-66

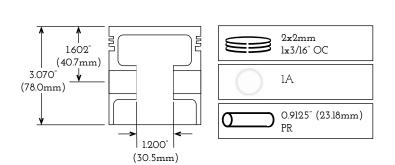


144 Falcon XK-XP 144 cui, OHV, CR 9.5:1, 6 cyl Std bore 3 1/2" (88.9mm) JP0396

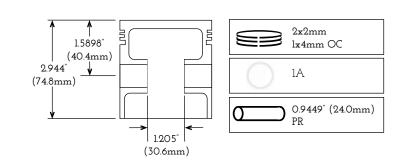




Falcon XK-XR 170cui, OHV, CR 8.7:1, 6 cyl 1960-67 Fairlane 221cui, OHV, CR 8.7:1, 8 cyl 1960-67 Std bore 3 1/2" (88.9mm) JP0398



Capri 2600RS/GT, Granada L, GL, GXL, SGLS, Ghia S, Turnier 2600 1970-79 2551cc, OHV, CR 8.75:1, 6 cyl Std bore 90mm JP0913





#### Ford Cortina TC-TF; Escort 1971-82 2x2mm 1993cc, OHC, CR 8.6:1, 4 cyl 1.612" lx4mm OC (40.9mm) Std bore 3.575" (90.8mm) 3.100" (78.7mm) JP0657 0.9450" (24.0mm) 1.250" (31.8mm) Model T 1909-29 2x1/8" 177 cui, SV, CR 4.5:1, 4 cyl 1.937 lx3/16" P (49.2mm) Std bore 3 3/4" (95.3mm) 3.812 4A JP0555 (96.8mm) 0.7400" (18.80mm) 1.125" (28.6mm) F100-F700 1959-72 2x2mm 292 cui, OHV, CR 8.8:1, 8 cyl, Y Block 1.781" lx3/16" OC (45.2mm) Std bore 3 3/4" (95.3mm) 3.406" lΑ JPO492 (86.5mm) 0.9125" (23.18mm) 1.438" (36.5mm) Model A 1928-29 2x1/8" 1.906" 5-B, 40-B, 50-B, 55-B, 68-B, 150-B, lx3/16" P

(48.4mm)

3.855"

(97.9<sub>mm</sub>)

1930

1931

1A

 $\sigma$ 

1.760" | (44.7mm) 1.000" (25.40mm)

155-B/C/D, 165-C/D, 170-B,

180-A, 190-A

201 cui, SV, CR 4.22:1, 4 cyl Std bore 3 7/8" (98.4mm)

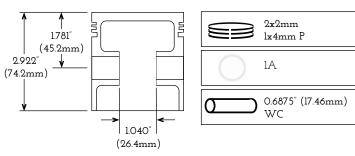
Model A

JP0163

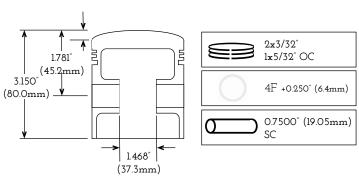
#### Ford



Thames 5-7cwt, FK1000, Kleibus, Microbus 1952-61 1172cc, SV, CR 7:1, 4 cyl Std bore 2 1/2" (63.5mm)
JP0168



Pilot, Thames, Model 28, Surrey, Sussex, 15, 40, 60, 100, 120 cwts 1937-42 3622cc, 221 cui, SV, CR 6.3:1, 8 cyl Std bore 3 1/16" (77.79mm) JPO167

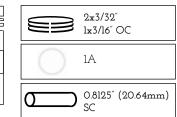


GPW, Jeep 2199cc, 134 cui, CR 6.48:1, 4 cyl Std bore 3 1/8" (79.4mm) JPO252 
> 1.516" (38.5mm)

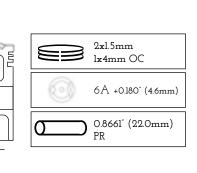
(66.7mm) \_

(28.6mm)

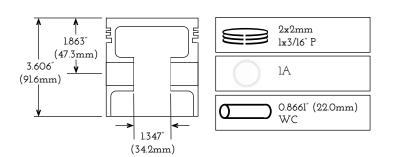
1.188" (30.2mm)



Courier, Econovan, FE series 1587cc, OHC, 4 cyl Std bore 81mm JPO411 1983-89



FK1000 1698cc, OHV, CR7.1:1, 4 cyl Std bore 84mm JP0809 1957-64



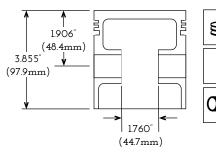


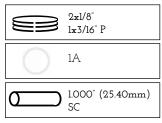
### Ford\_



A, AA, B, BB, Sussex, Surrey, Thames, Six wheeler 201 cui, SV, CR 4.2:1, 4 cyl Std bore 3 7/8" (98.4mm) JP0163

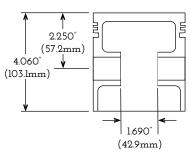
1928-35

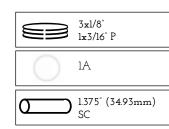




### Fordson \_\_\_\_\_

Major Tractor, Rowcrop, Standard 4380cc, SV, 4 cyl Std bore 4 1/8" (104.8mm) JPO312 1936-52

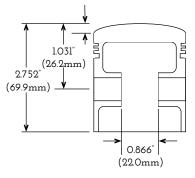


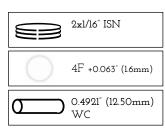


## Frisky\_\_\_\_



Sprint 328cc, CR 8.5:1, 2 cyl Std bore 58mm JPO801A 1959

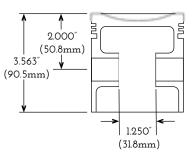


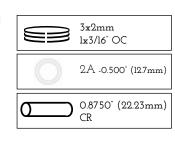


### Frazer Nash.

Mark VI 3993cc, OHV, CR 6.8:1, 4/6 cyl Std bore 3 7/16" (87.312mm) JPO294

Recommend max. oversize +.040"



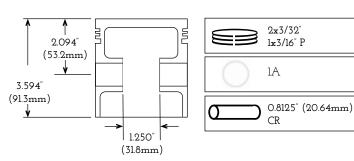




## Graham Paige\_



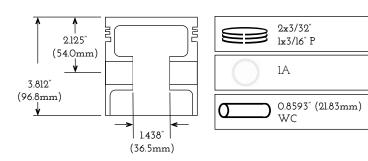
Model 612 190cui, SV, 6 cyl Std bore 3" (76.2mm) JPO438 1929-30



## Graveley\_



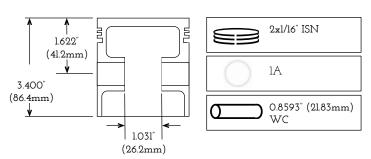
5HP Model L, Mower 1 cyl Std bore 3 1/4" (2.55mm) JPO525



### Greeves \_\_\_

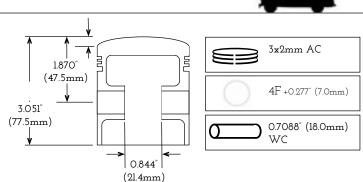


Hawkstone Special 246cc, two port, 2 stroke, 1 cyl Std bore 2.5991" (66.017mm) JPO349 1959



## Goggomobil

T300, TS300, TL300 293cc, air cooled, 2 stroke, CR 6:1, 2 cyl Std bore 58mm) JP0393

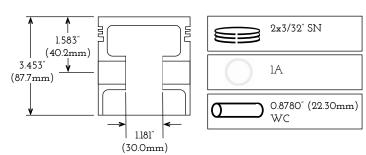




## Goliath



GP900V, GM900V, GP900E 886cc, 2 stroke, 2 cyl Std bore 84mm JP0852 Pistons supplied in pairs

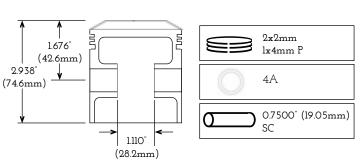




## Hampton



1244cc, SV, 4 cyl Std bore 60mm JP0773 1914



## Harley Davidson



G, GE, K, KH, KHK 747cc, CR 6:1, 2 cyl, K engine KH 901cc, CR 6.8:1, 2 cyl Std bore 2.745" (69.8mm) JPO771 1952-56

1954-56

1.630° (41.4mm)
2.938° (74.6mm)

1.313° (33.4mm)

2x2mm | lx4mm P

1A

0.7500" (19.05mm) SC

Pup 346cc, SV, 1 cyl Std bore 2 7/8" (73.03mm) SP200247 1926-34

2.879" (42.9mm) (76.2mm) 1.446" (36.7mm)

≥ 2x3/32"

1A

0.6250" (15.88mm)

989cc, IOE, 2 cyl Std bore 3.311" (84.1mm) SP200173 1915-29

(43.0mm) 3.100" (78.7mm) 1.583" (40.2mm) 2x3/32" lx3/l6" P

1A

0.7500" (l9.05mm) WC

Knucklehead 61E 989cc, OHV, CR 7:1, 2 cyl Std bore 3 5/16" (84.1mm) JP0669 1937-56

3.303" (43.7mm) (83.9mm) 1.094" (27.8mm)

2x2mm lx3/l6" P

1A

0.7920" (20.12mm) WC

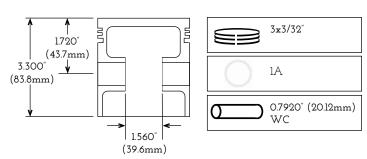


## Harley Davidson



V, VL 1207cc, SV, CR 4:1, 2 cyl VLH 1340cc, SV, CR 4.5:1, 2 cyl Std bore 3.422" (86.9mm) JP0668 1930-36

1936

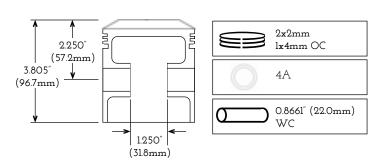




## Healey\_

4

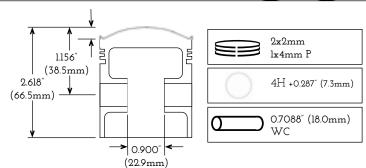
Silverstone 2433cc, OHV, CR 6.9:1, 4 cyl Std bore 3.169" (80.5mm) JP1011 1946-53



## Heinkel

Ø

Tourist 174cc, OHV, CR 7.5:1, 1 cyl Std bore 60mm JPO814



#### Hillman $Minx,\,Mk\,\,I,\,II\,\,\&\,\,III$ 1938-48 2x2mm1.531" 1185cc, OHV, CR 6.3:1, 4 cyl 2x4mm P (38.9<sub>mm</sub>) Std bore 63mm 2.947 1A (74.9<sub>mm</sub>) JP0218 0.6300" (16.0mm) 0.875" (22.2mm) Minx Mk IV, V, VI, VII, Husky Mk I 1950-58 2x2mm 1265cc, SV, CR 6.6:1, 4 cyl 1.531" lx4mm OC (38.9<sub>mm</sub>) Std bore 2 9/16" (65.1mm) 2.906 1A JP0219 (73.8mm) 0.6875" (l7.46mm) 1.100" (27.9mm) Imp, Super Imp, Husky 1963-70 2x2mm 875cc, OHC, CR 10:1, 4 cyl 1.050" lx4mm OC (26.7mm) Std bore 68mm 2.055 1D JPO593 (52.2mm) Recommended max. oversize +030" 0.6250" (15.88mm) 1.000" (25.4mm) Imp, Super Imp, Rally Imp 1963-70 2x1/16" 996cc, OHC, CR 10:1, 4 cyl, overbored 1.060" lx1/8" P (26.9<sub>mm</sub>) Std bore 2.8556" (72.532mm) 2.031" 1D IPO193 (51.6mm) 0.6250" (15.88mm) 1.083" (27.5mm) 20/70 1934-35 2x3/32" Hawk, 80 1936-38 2.008" lx3/16" P (51.0mm) 1944cc, SV, CR 6.4:1, 4 cyl 3.586 1A Std bore 75mm (91.lmm) JP1043 0.9450" (24.0mm) 1.250" (31.8mm) Minx Mk VIII, Mk VIIIA, 2x2mmlx4mm OC New Minx Series I, Husky 1.850" 1955-66 (47.0<sub>mm</sub>) 1390cc, OHV, CR 8:1, 4 cyl 3.250" 1A Std bore 3" (76.2mm) (82.6mm) JP0184 0.8750" (22.23mm) 1.235"

H4

(31.3mm)

(28.6mm)

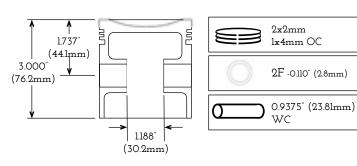
#### Hillman\_ Minx Series III, IIIA, IIIB 1959-62 2x2mm 1494cc, OHV, CR 8.5:1, 4 cyl 1.8504" lx3/16" OC lx3/16" P (47.0<sub>mm</sub>) Std bore 79mm 3.250 (82.6mm) JP0388 0.8750" (22.23mm) 1.250" (31.8mm) Minx 1500 1967-70 2x2mm 1970-79 1.846" Hunter Deluxe lx3/16" OC (46.9mm) 1496cc, OHV, CR 9.3:1, 4 cyl 1A Std bore 81.5mm (82.6mm) IPO520 0.9375" (23.8lmm) Recommended max. oversize +040" 1.125" (28.6mm) Minx, Minx 1600 1961-65 2x2mm 1592cc, OHV, CR 8.3:1, 4 cyl 1.846 lx3/16" OC (46.9mm) Std bore 81.5mm 3.250" 2A -0.098" (2.5mm) JP0560 (82.6mm) Recommended max. oversize +040" 0.9375" (23.8lmm) WC 1.125" (28.6mm) Minx, 1600 Super Minx 1961-65 2x2mm 1592cc OHV, CR 8:1, 4 cyl 1.850" lx4mm OC (47.0<sub>mm</sub>) Minx, Super Minx 1966 2.850 1A 1725cc, OHV, CR 9:1, 4 cyl (72.4mm) Hunter, Hunter GT 1967-72 0.9375" (23.8lmm) $\sigma$ 1725cc, OHV, CR 10.4:1, 4 cyl Std bore 81.5mm 1.350" (34.3mm) JP0881 Recommended max. oversize +040" Minx, Super Minx, Hunter Super 1966-72 2x2mm 1.852" 1725cc, OHV, CR 8.4:1, 4 cyl lx4mm OC (47.0<sub>mm</sub>) Hunter, Grand Hunter, Hunter Deluxe 1967-72 3.250 2A -0.098" (2.5mm) (82.6mm) 1725cc, OHV, CR 9.2:1, 4 cyl Std bore 3.210" (81.539mm) 0.9375" (23.8lmm) JP0133 WC 1.125" Recommended max. oversize +040"

## Helping preserve motoring heritage

### Hillman

Avenger 1600 GLS, TC, DL 1598cc, OHV, CR 9.2:1, 4 cyl Std bore 3 7/16" (87.313mm) JPO431

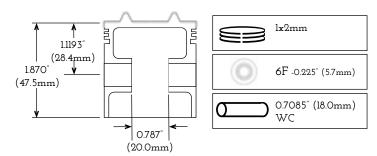
1973-76



### Hitachi



15HP compressor Std bore 2.1875" (55.6mm) JP0804



## Holden



FJ, FE, FC 138cui, OHV, CR 6.8:1, 6 cyl, Grey motor Std bore 3" (76.2mm)



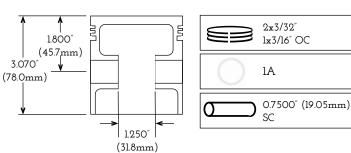
1948-60 JP0191

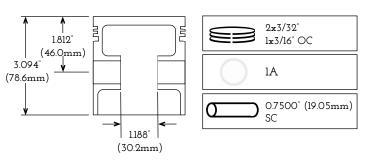


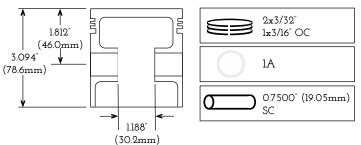


1960-63 138cui, OHV, CR 7.8:1, 6 cyl, Grey motor overbored Std bore 3 1/8" (79.4mm) JP0220



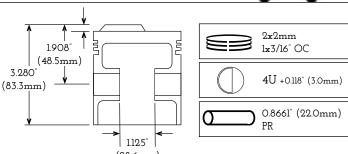






### Holden.

2250, LC, LJ Torana 161cui, OHV, 6 cyl, Red motor Std bore 3 1/8" (79.38mm) JPO644 1969-71



FJ, FE, FC 1948-60 138cui, OHV, CR 6.8:1, 6 cyl, Grey motor overbored Std bore 3 3/16" (81mm)





FJ, FE, FC 1948-60 138cui, OHV, CR 12:1, 6 cyl, Grey motor overbored Std bore 3 3/16" (81mm)

#### JP0197



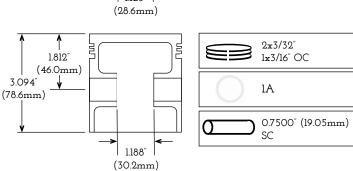
FJ, FE, FC 1948-60 138cui, OHV, CR 6.8:1, 6 cyl, Grey motor overbored Std bore 3 1/4" (82.55mm)

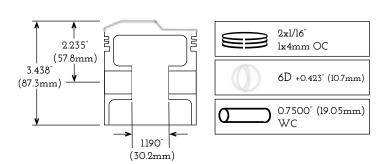
#### JP0196

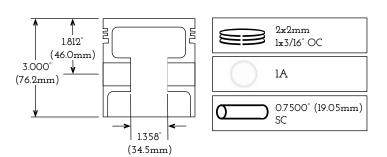


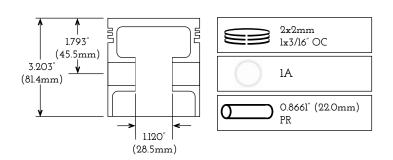
EH, HD 1963-66 149cui, OHV, 6 cyl, Red motor Std bore 3 1/4" (82.55mm) IPO470









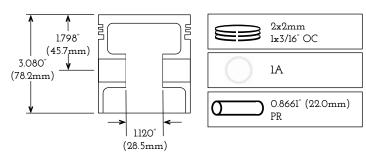


### Holden



HR-HG, Torana LC2600 161cui, OHV, 6 cyl, Red motor Std bore 3 3/8" (85.73mm) JP0616

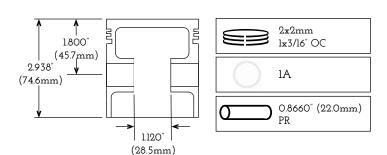




Commodore VB-VH, HQ-HZ, Torana LC-UC 173cui, OHV, 6 cyl Std bore 3 1/2" (88.9mm) JPO645



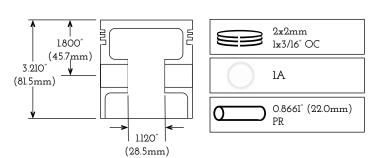
1967-70





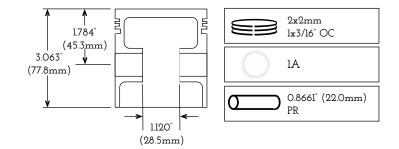






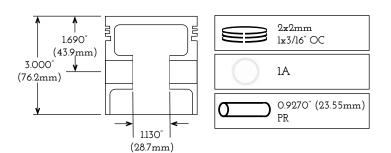
HR-HG, Torana LC GTR 186cui, OHV, CR 8.5:1, 6 cyl, Red motor Std bore 3 5/8" (92.1mm) JPO567





Commodore VB, VC, VK, HT-HZ, Torana LH-LX, WB 253cui, OHV, 8 cyl Std bore JP0646

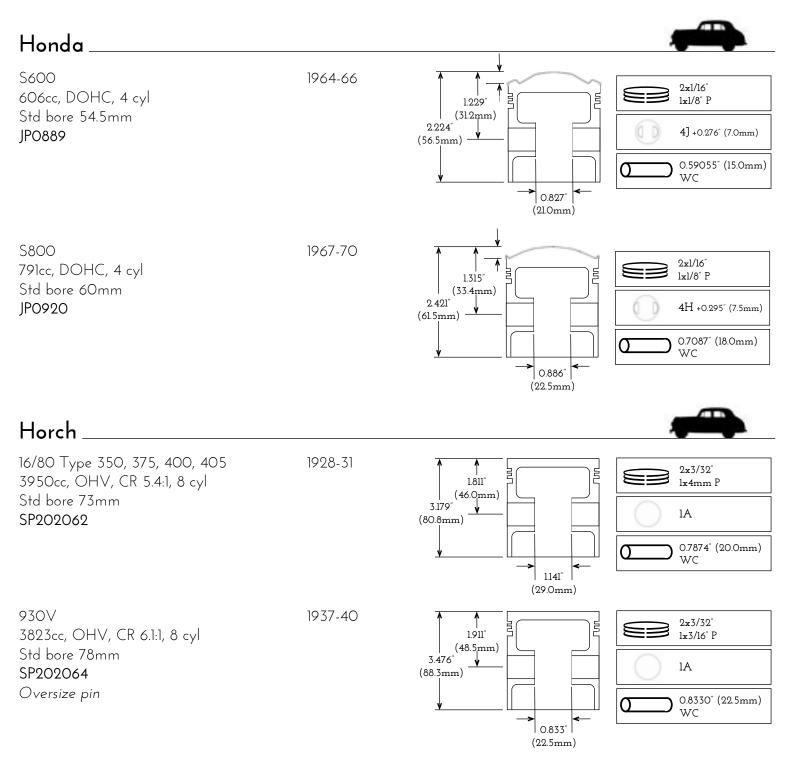


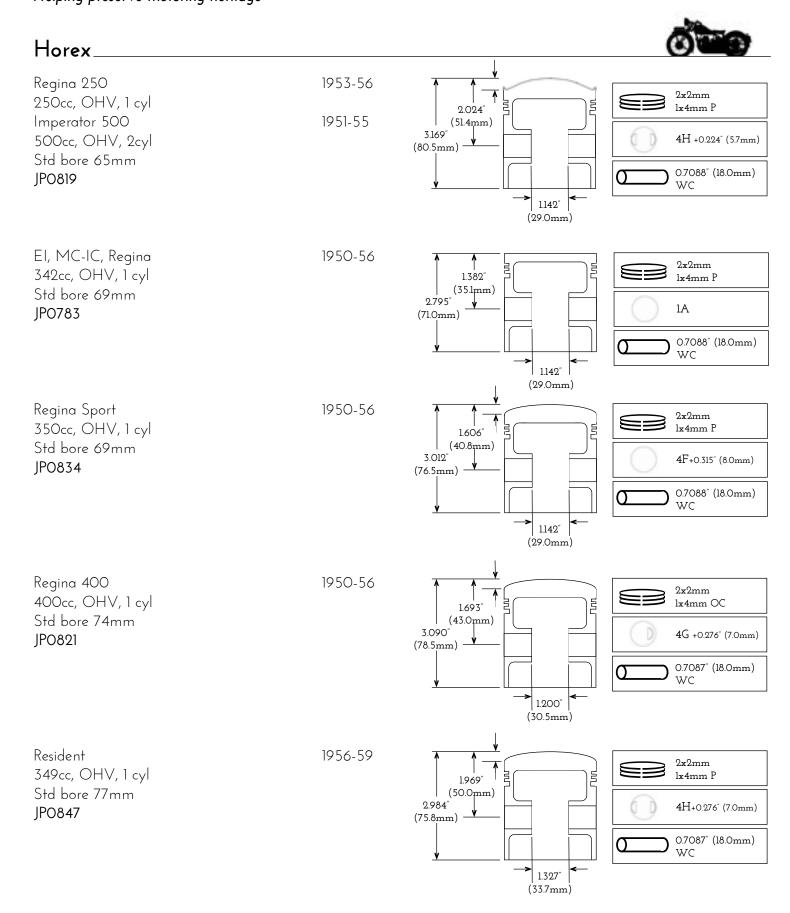
















### Howard

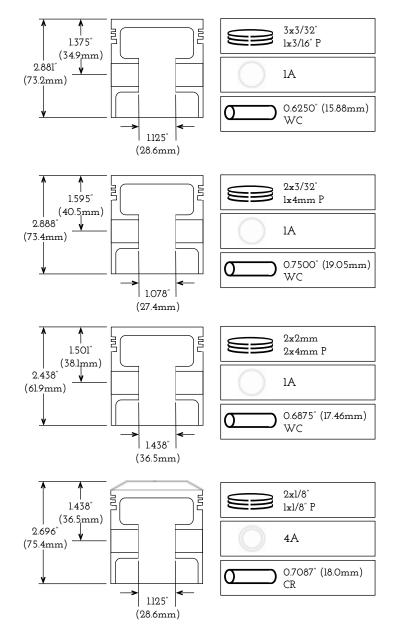


Rotary Hoe Std bore 2 7/8" (73.025mm) JPO591

9.8 HP Gem Series IV, air cooled Std bore 3" (76.2mm) JPO682

Rotary Hoe Std bore 3 1/8" (79.4mm) JPO565

5-8HP Stationary Engine Std bore 3 1/2" (88.9mm) JPO550



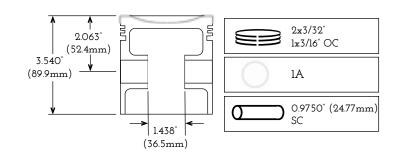
#### HRG 1100 1935-37 2x2mm1074cc, OHC, 4 cyl 1.348" 2x4mm P (34.2mm) Std bore 60mm 2.600 1A (66.0mm) JP0221 0.5625" (14.29mm) 0.940" (23.9mm) 1500 late 1953-56 2x2mm 1506cc, OHC, CR 7:1, 4 cyl 1.726" lx4mm OC (43.8mm) Std bore 73mm 1A JP0224 (79.8mm) 0.6250" (15.88mm) 1.250" (31.8mm) Hudson\_ Metropolitan, Series A & B 1954-57 2x3/32" 1200cc, OHV, CR 7.2:1, 4 cyl 1.650" lx5/32" OC lx5/32" P (4l.9mm) Std bore 2 37/64" (65.46mm) 3.020" JP0298 (76.7mm) 2A -0.130" (3.3mm) 0.6875" (17.46mm) $\sigma$ → 1.000" <del><</del> (25.4mm) Metropolitan 1500 1956-62 2x2mm 1.650" 1489cc, OHV CR 8.3:1, 4 cyl lx4mm OC (42.lmm) Std bore 2 7/8" (73.025mm) 3.031" (77.0mm) \(\frac{1}{\psi}\) 2A -0.140" (3.6mm) JP0297 0.6875" (17.46mm) WC 1.000" (25.4mm) Super Six 1922-29 2x3/32" 289 cui, SV, CR 5:1, 6 cyl 2.250" lx3/16" P (57.2<sub>mm</sub>) Std bore 3 1/2" (88.9mm) 3.398 1A JP0741 (100.0mm) 1.0938" (27.78mm) 1.500"

(38.lmm)



## Hudson

Super Six 262 cui, SV, CR 6.5:1, 6 cyl Std bore 3 9/16" (90.49mm) JP0359



#### Humber 16/50 1929-32 2x3/32" 2110cc, OISE, 6 cyl 1.732" lx5/32" P (44.0mm) Std bore 65mm 3.031" (77.0mm) 1A -JP0883 0.7480" (19.02mm) 1.125" (28.6mm) 16/60 1933-35 l.893" 2x2mm2276cc, OISE/SV, 6 cyl lx4mm P (48.lmm) Std bore 2.658" (67.5mm) 3.313" JP0758 (84.2mm) 1A -0.7875" (20.0mm) $\sigma$ 1.000" (25.4mm) 1946-50 Hawk Mk I, II, III **1** 2.008" 2x3/32" 1944cc, SV, CR 6.4:1, 4 cyl lx3/16" P (51.0mm) Std bore 75mm 3.587 (91.lmm) 1A -JP0183 0.9450" (24.0mm) 1.250" (31.8mm) Hawk Mk IV-V 1950-54 2x3/32" 2267cc, SV, CR 6.3:1, 4 cyl 2.008" lx3/16" OC lx3/16" P (51.0mm) Hawk Mk VI 1954-57 3.692" 2267cc, OHV, CR 7:1, 4 cyl (93.8mm) 1A -Mk VI Series I-IV 1957-68 0.9450" (24.0mm) $\sigma$ 2267cc, OHV, CR 7:1, 4 cyl 1.220 Std bore 3 3/16" (80.962mm) (31.0mm) JP0185 Sceptre 1963-65 2x2mm 1592cc, OHV, CR 9:1, 4 cyl 1.846" lx3/16" OC (46.9mm) Std bore 3.210" (81.539mm) 3.250" (82.6mm) 2A -0.098" (2.5mm) Recommended max. oversize +040" 0.9375" (23.8lmm) σ 1.125" (28.6mm)



(35.8mm)

#### Humber\_ Snipe, Imperial, Pullman 1936-53 2x3/32" 4086cc, SV, CR 6.25:1, 6 cyl 2.000" 2x3/16" P (50.8mm) Std bore 3 11/32" (85mm) 3.656" 1A (92.9mm) JP0190 Chrome rings must not be fitted 0.9450" (24.0mm) 1.260" (32.0mm) Super Snipe Series II, III, IV, V 1959-68 2x2mm 2.030" lx3/16" OC 2965cc, OHV, CR 7.5:1, 6cyl (5l.6mm) Std bore 3.4367" (87.29mm) lΑ JP0180 (88.0mm) 0.9375" (23.82mm) 1.380" (35.lmm) Super Snipe Series II, III, IV, V 1959-68 **^** 2.075" 2x2mm2965cc, OHV, CR 8:1, 6 cyl lx3/16" OC 2.0/5<sup>--</sup> | (52.7<sub>mm</sub>) 3.500" Std bore 3.4367" (87.29mm) 1A JP0180A (88.9mm) 0.9375" (23.82mm) $\sigma$ 1.380" (35.lmm) Super Snipe Mk IV, Pullman Mk IV, 2x3/32" Imperial Mk IV 1953-57 2.625" 2x3/16" P (66.7mm) 4139cc, OHV, CR 7.2:1, 6 cyl 4.470" 4A Std bore 3 1/2" (88.9mm) (113.5mm) 1.1250" (28.58mm) σ Chrome rings must not be fitted 1.410"



## Hupmobile\_



A, A1 195cui, SV, 6 cyl Std bore 3 1/8" (79.38mm) SP980122 3.126" (43.5mm) (79.4mm) 1.319" (33.5mm)

2x3/32" lx3/16" P 1A

O.8650" (21.97mm)
CR

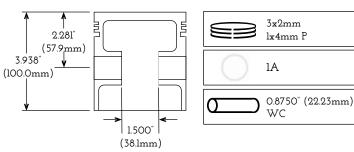
R10, R11, R12, R15 4 cyl Std bore 3 1/4" (82.55mm) JPO683 1923-24

2.406" (61lmm) (102.lmm) (102.lmm) 1.375" (34.9mm)

3x3/32° P IA IA O.8660° (22.0mm)

417, 417W, 421, 421J, 518, 618, W, D, J, Aero, Dynamic, Series 118, 121 6 cyl Std bore 3 1/2" (88.9mm) JPO714

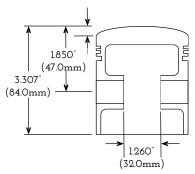
1934-38

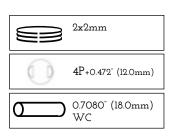


### Husquvarna.



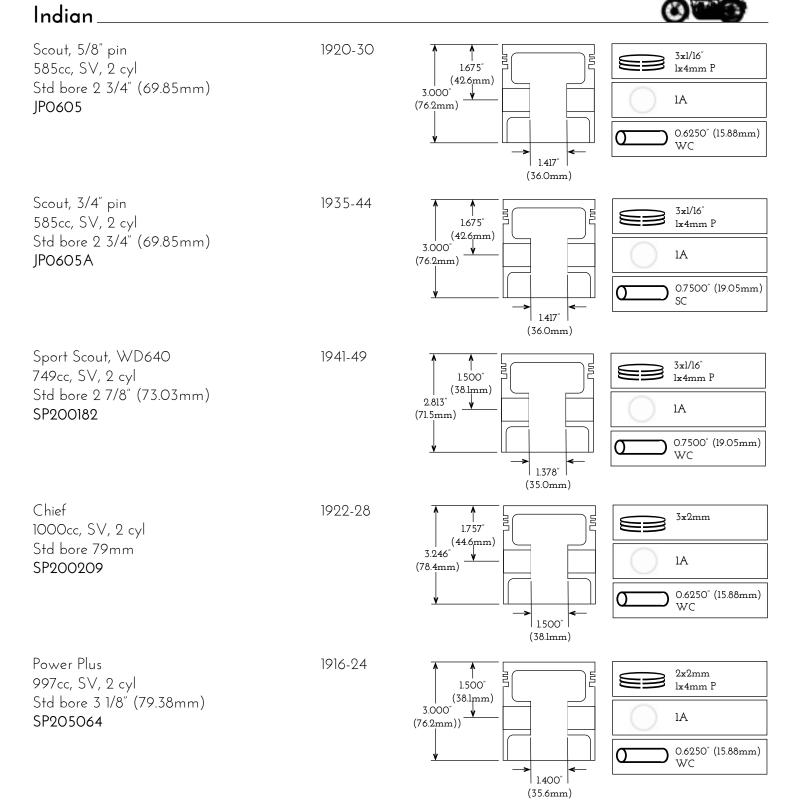
Model 120/130 high compression 990cc, SV, 2 cyl Std bore 79mm SP990401







## Helping preserve motoring heritage



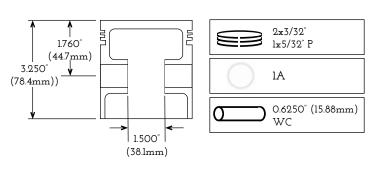


## Indian



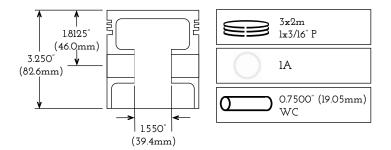
Power Plus 997cc, SV, 2 cyl Std bore 3 1/8" (79.38mm) SP201003

1916-23



Chief Blackhawk, Chief 1200cc, SV, 2 cyl Std bore 3 1/4" (82.55mm) JPO598

1927-35 1941-53

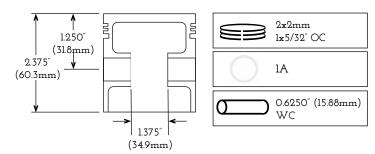




## Ingersoll Rand



Compressor 5 cyl Std bore 3" (76.2mm) JPO542



### International.

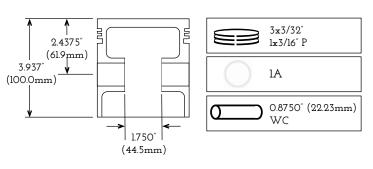


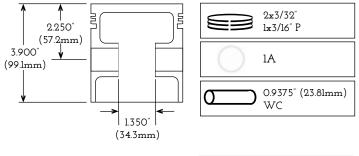
S26, SD36, SL36, SF36, AL3, A3, SD46, SF46; 15B bus after engine 4SL-26997 1926-34 6 cyl Std bore 3 1/4" (82.55mm) JPO698

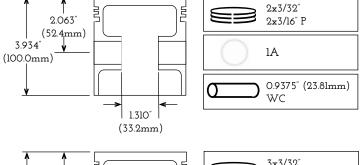
K4 1937 6 cyl Std bore 3 5/16" (84.1mm) JP0179

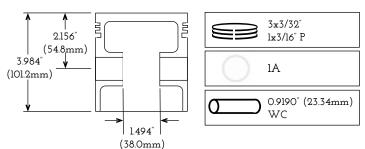
D, K, K5 1937-50 6 cyl Std bore 3 5/16" (84.1mm) JP0173

K6, KS6, BLD250 engine 1942-46 6 cyl Std bore 3 7/16" (87.312mm) JP0174



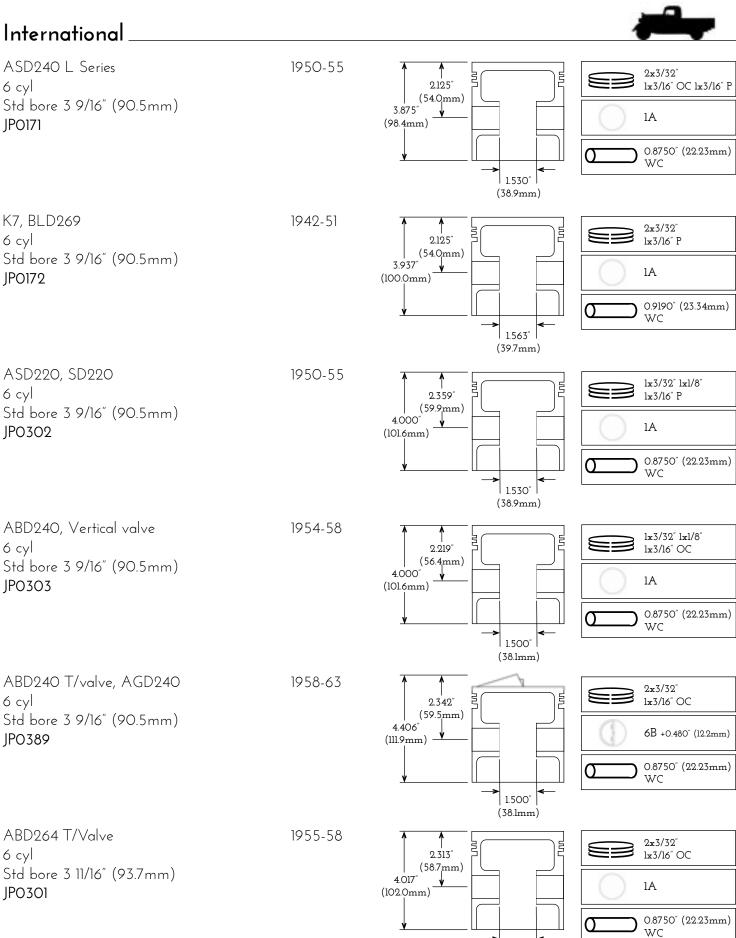






## STONS

## Helping preserve motoring heritage



1.500" (38.lmm)



### International



ABD264 T/valve, AGD264 T/valve Std bore 3 11/16" (93.7mm)

1958-68

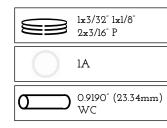
6 cyl JP0390

Ę 2.710" (68.8mm) 4.460" (113.3mm) 1.550" (39.4mm)

2x3/32" lx3/16" OC 6B +0.530" (13.5mm) 0.8750" (22.23mm)

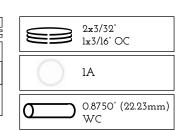
ABD282 1953-57 6 cyl Std bore 3 13/16" (96.8mm) JP0300

털 2.360" (59.9<sub>mm</sub>) 4.391" (lll.5mm) 1.563" (39.7mm)



ABD282 T/valve, AGD280 T/valve 1959-78 Std bore 3 13/16" (96.8mm) JP0391

2.675" (68.0<sub>mm</sub>) 4.460" (ll3.3mm) 1.555" (39.5mm)





(30.2mm)

#### Jaguar\_ SSII 1932-34 2x2mm 1005cc, SV, 6 cyl 1.375" 2x4mm P (34.9<sub>mm</sub>) Std bore 2 3/8" (60mm) (69.9mm) 2.750" 1A JP1047 0.6250" (15.88mm) 1.031" (26.2mm) SS1 1933-37 2x2mm1.562" lx4mm P 2663cc, SV, 6 cyl (39.7<sub>mm</sub>) Std bore 2 7/8" (73.025mm) 2.976 lΑ (75.6mm) JP0802 0.6250" (15.88mm) WC 1.142" (29.0mm) SS 90 1935 2x2mm Ę 1.799" 2664cc SV, CR 7:1, 6 cyl lx4mm OC (45.7<sub>mm</sub>) SS 100 1936-40 3.250" 1A 2664cc OHV, CR 7:1, 6 cyl (82.6mm) SS 1 1/2 litre 1937-40 0.7500" (19.05mm) σ 1775cc OHV, CR 7.5:1, 4 cyl 1.313" 2 1/2 litre 1946-48 (33.4mm) 2664cc, OHV, CR 7.3:1, 6 cyl Mk V1949-51 2664cc, OHV, CR 7.5:1, 6 cyl Std bore 2 7/8" (73.025mm) IPO244 SS100 1938-49 1.718" 2x2mm 3485cc, OHV, CR 7.2:1, 6 cyl lx4mm OC (43.6mm) 3 1/2 litre 1946-48 3.375 1A 3485cc, OHV, CR 6.75:1, 6 cyl (85.7mm) Mk V 1949-51 0.8750" (22.23mm) 3485cc, OHV, CR 6.75:1, 6 cyl Std bore 82mm 1.190"

JP0280

#### Jaguar\_ XK12 1948-54 2x2mm 1.690" Mk VII 1951-54 lx4mm OC (42.9<sub>mm</sub>) 3442cc, DOHC, CR 7:1, 6 cyl (85.0mm) \_\_\_\_\_ 3.347 1A Std bore 83mm JPO281 0.8750" (22.23mm) 1.220" (31.0mm) XK120, XK140 Mk VII (high compression) 1948-54 2x2mm lx4mm OC XK140 1955-57 2.247 (57.lmm) Mk VIIM 1955-57 4.071" 4P +0.557" (14.1mm) Mk VIII (103.4mm) <u>\*</u> 1957-58 XK150 1957-61 0.8750" (22.23mm) 3442cc, DOHC, CR 8:1, 6 cyl WC 1.219" Std bore 83mm (31.0mm) JP0408 Mk II 2.4 1959-67 2.120" 2x2mm 240 1967 lx4mm OC (53.9mm) 2483cc, DOHC, CR 8:1, 6 cyl 3.430" 4E +0.450" (ll.4mm) Std bore 83mm (87.lmm) JP0409 0.8750" (22.23mm) 1.313" (33.4mm) XJ6 2.8 Series 1 1968-73 2x2mm 2792cc, CR 8:1, 6 cyl 1.882" lx4mm OC (47.8mm) Std bore 83mm 3.195" 4M +0.350" (8.9mm) JP1093 (81.lmm) 0.8750" (22.23mm) 1.246" (31.47mm) X J6 3.4 1975-79 2x2mm 3442cc, OHC, CR 8.4:1, 6 cyl lx4mm OC 2.248 (57.lmm) Std bore 83mm 3.744" 4P +0.613" (15.6mm) JP1092 (95.lmm) \_\_\_\_\_\_\_ 0.8750" (22.23mm) σ WC

1.260" (32.0mm)

Jaguar		
Mk IX 3.8 Mk X XK150S 3781cc, DOHC, CR 9:1, 6 cyl Std bore 87mm JP0535	1959-61 1962-65 1959-61	2x2mm  x4mm OC    4.065" (15.2mm)    4.065" (15.2mm)    4.060" (15.2mm)    4.060" (22.23mm)    4.060" (22.23mm)
Mk IX 3.8 XK150 Mk X 3781cc, DOHC, CR 8:1, 6 cyl Std bore 87mm JP0538	1959-61 1959-61 1962-63	2x2mm   2x4mm OC
XJ12 Series I, II E-Type Series III XJS V12 5343cc, OHC, CR 9:1, 12 cyl Std bore 90mm JPO472	1972-79 1971-74 1975-81	2x2mm  x4mm OC     2F -0.280° (7.lmm)     0.9375° (23.82mm)     WC
Mk X 420 XJ6 Series I XJ6 Series II XJ6 Series III E type 2+2 4235cc, DOHC, CR 8:1, 6 cyl Std bore 3 5/8" (92.1mm)	1965-66 1966-70 1969-73 1974-79 1980-96 1966-74	2x2mm 1.842" (46.8mm) 3.531" (89.7mm) 4P +0.226" (5.7mm) 0.8750" (22.23mm) WC

JP0706



## JAP\_

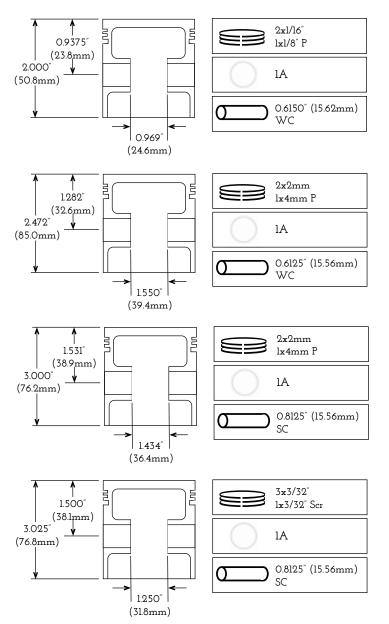


Model 2A, 2S, Lyon 98cc, 4 stroke, 1 cyl Std bore 51.5mm JPO363

Model 4/3 288cc, air cooled, 1 cyl Std bore 2 3/4" (69.9mm) JPO877

4.5 HP 412cc, air cooled, 1 cyl Std bore 80mm JPO574

Mk III, Type No 5 600cc, SV, 1 cyl Std bore 3 3/8" (85.7mm) JP0654





Jensen		
Model B 3622cc, SV, CR 6.3:1, 8 cyl Std bore 3 1/16" (77.79mm) JP1050	1937-39	1781"  3.062" (77.8mm)  1.440" (37.3mm)  2x3/32" 1x5/32" OC  4F +0.250" (6.4mm)  0.7500" (19.05mm) SC
Interceptor, 541 3993cc, OHV, CR 6.8:1, 6 cyl 541R, 541S 3993cc, OHV, CR 7.6:1, 6 cyl Std bore 3 7/16" (87.312mm) JPO296	1949-55 1957-63	3.543" (90.0mm)  2.000° (50.8mm)  2.000° (90.0mm)  2.000° (90.0mm)  2.000° (90.0mm)  2.000° (12.7mm)  CR



## Jowett\_

Javelin 1486cc, OHV, CR 7.25:1, 4 cyl Jupiter I & IA 1486cc, OHV, CR 8:1, 4 cyl Jupiter RI & R4 1486cc, OHV, CR 9:1, 4 cyl Std bore 72.5mm JP0195

1947-54 1.5625" 2x3/32" lx4mm P (39.7<sub>mm</sub>) 1950-54 3.130" (79.5mm) \_\_\_\_\_ 2A -0.200" (5.lmm) 1952-54 O.8125" (15.56mm) SC

1.243"

(31.6mm)



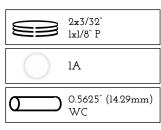
## Kirby\_



VR30, HK25 4 stroke, 1 cyl Std bore 2 5/16" (58.7mm) JPO488

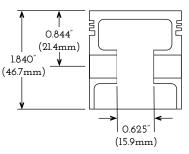
1969-

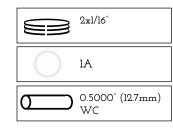
1.062" (27.0mm) (57.9mm) 1.000" (25.4mm)



KAV 74 1 cyl Std bore 2 5/16" (58.7mm) JPO612

1966-69





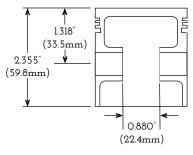
### $Kohler_{-}$

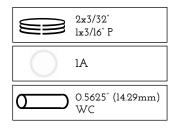


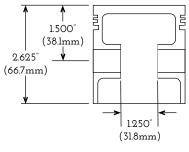
K90, 91 1 cyl Std bore 2 3/8" (60.3mm) JP0466

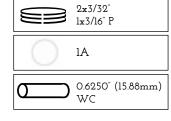
K160, 161 1 cyl Std bore 2 7/8" (73.025mm) JPO467

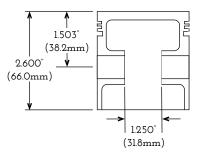
MS8
1 cyl
Std bore 2 5/16" (74.6mm)
JP0566

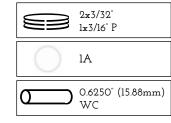
















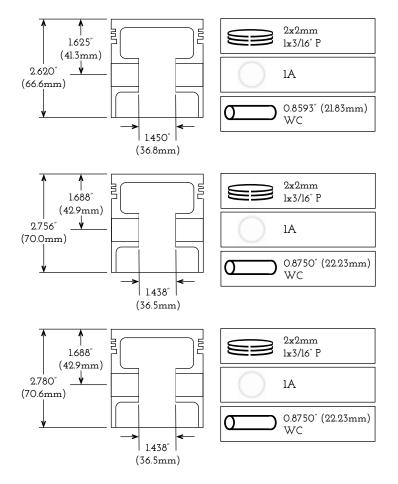
## Kohler\_

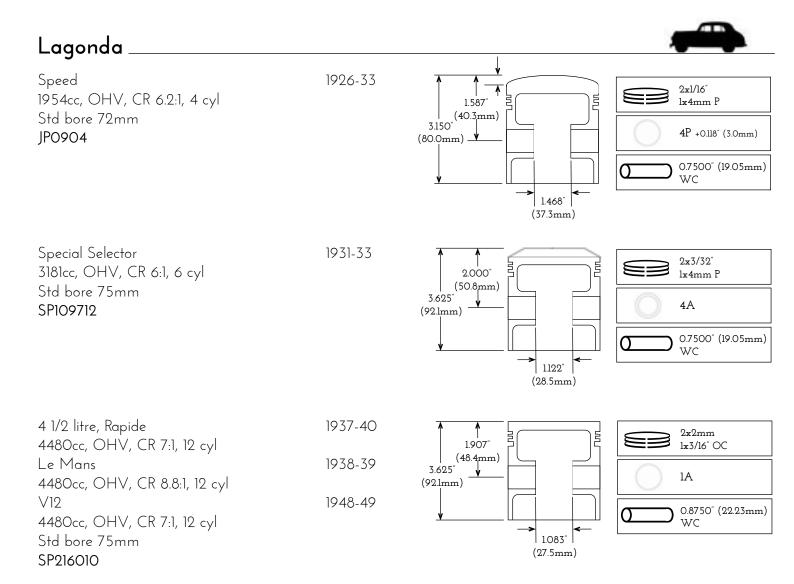


K241 1 cyl Std bore 3 1/4" (82.55mm) JPO685

K301 1 cyl Std bore 3 3/8" (85.7mm) JPO674

K321 1 cyl Std bore 3 /12" (88.9mm) JPO659







### Lanchester\_



Light 6 Sports Saloon, 342, Light 6 Deluxe Saloon, 351 1378cc, OHV, 6 cyl Std bore 57mm JP0745

1933-37

1.250° (31.8mm) (59.5mm) (10.3mm)

2x2mm lx5/32" P

10 (car 20051 upwards) 1203cc, OHV, CR 6:1, 4 cyl 10 1287cc, OHV, CR 7.4:1, 4 cyl Std bore 2 1/2" (63.5mm) JP1063 Recommend max. oversize +.040"

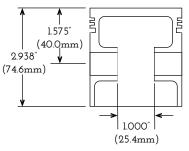
1946-51

1934

(38.2mm) (69.9mm) (69.9mm) (20.7mm)

3x2mm lx5/32° OC lA 0.7088° (l8.0mm) CR

11 1144cc, OHV, 6 cyl Std bore 66mm JP1064 1936-39



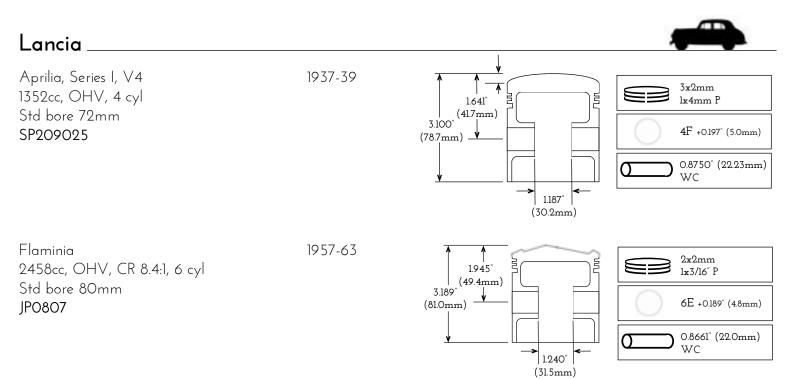
Dauphin 2433cc, OHV, CR 7.75:1, 6 cyl Leda 1968cc, OHV, CR 6.7:1, 4cyl Sprite Mk I & II 1622cc, OHV, CR 7:1, 4 cyl Std bore 3" (76.2mm) JP1062 1953

1950-54

1954-55

3.458" (45.7mm) (87.8mm) (93.8mm)





#### Land Rover Series 1 1948-51 2x0.070" 1595cc, OHV, CR 6.8:1, 4 cyl 2x4mm P 2.532" Std bore 69.5mm (64.3mm) 3.780 SP212210 5C (96.0mm) Chrome rings must not be used 0.6875" (17.46mm) 1.200" (30.0mm) Series 1 1952-53 2x0.070" 1997cc, OHV, CR 6.7:1, 4cyl lx4mm P 2.532" Std bore 77.8mm (64.3mm) SP119704 3.780 5C (96.0mm) 0.6875" (17.46mm) 1.181" (30.0mm) Series 1 1954-55 2x0.070" lx3/32" 1997cc, OHV, CR 6.73:1 lx5/32" P 2.423" Std bore 77.8mm (6l.5mm) 3.622 JP0211 5C (92.0mm) 0.6875" (17.46mm) 1.156" (29.4mm) Series 1 1956-58 2x0.070" lx3/32" 1997cc, OHV, CR 6.9:1, 4 cyl lx5/32" P 2.428" Std bore Std bore 77.8mm (61.7mm) 3.622 JP0212 5C (92.0mm) 0.8750" (22.23mm) 1.156" (29.4mm) Series II & III 1968-73 2x0.070" 2625cc, OHV, CR 7.8:1, 4 cyl lx4mm P 2.613" Std bore Std bore 77.8mm (66.4mm) 3.859" JP0212A 5C (98.0mm) 0.8750" (22.23mm)

L4

1.160" (29.5mm)



#### Land Rover Range Rover 1970-77 2x2mm3528cc, OHV, CR 8.25:1, 8 cyl 1.853" 1x3/16" OC (47.lmm) Std bore 3 1/2" (88.9mm) 2.930" 2F -0.160" (4.1mm (74.4mm) -JP0675 0.8750" (22.23mm) 1.250" (31.8mm) Range Rover 1977-88 2x2mm 1.865" lx3/16" OC Range Rover Vogue, Vogue SE 1986-88 (47.4mm) Land Rover Series III, 109 1981-85 2.940" 2F -0.088" (2.2mm (74.7mm) 90, 110 1983-90 3528cc, OHV, CR 9.35:1, 8 cyl 0.8750" (22.23mm) Std bore 3 1/2" (88.9mm) 1.250" JP0679 (31.8mm) Range Rover 1970-77 1.857" 2x2mm 3528cc, OHV, CR 9.35:1, 8 cyl lx3/16" OC (47.2mm) Std bore 3 1/2" (88.9mm) 2.951" 2F -0.042" (1.1mm JP0690 (75.0mm) 0.8750" (22.23mm) σ 1.250" (31.8mm) Series II, IIA & III 1958-85 2x0.070"

2.297"

(58.3<sub>mm</sub>)

1.438" (36.5mm)

3.937

(100.0mm)

1962-66

1966-71

1983-85

lx3/16" P

1.000" (25.4mm)

lΑ

109

110

90, 110

JP0394

2286cc, OHV, CR 7:1, 4 cyl

Std bore 3.560" (90.48mm)



### Laverda



Montjuic 497cc, DOHC, CR 9:1, 2 cyl Std bore 72mm JP0844

1979-82

1.535" (39.0<sub>mm</sub>) 2.579 (65.5mm) 1.000" (25.4mm)

2xl.5mmlx4mm OC 6N +0.198" (5.0mm 0.7875" (20.0mm)

Jota 981cc, DOHC, CR 10:1, 3 cyl Std bore 75mm JP0719

1973-85

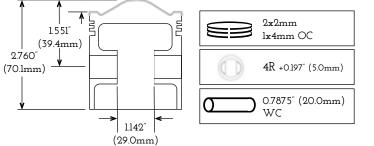
2x2mm1.443" lx4mm OC (36.7<sub>mm</sub>) 2.280" 4M +0.170" (4.3mm) (57.9mm) 0.7875" (20.0mm) 1.000" (25.4mm)

750cc, 1 cyl Std bore 82mm JP0845

1.335" 2xl.5mmlx4mm OC (33.9<sub>mm</sub>) 2.165" lC (55.0mm) 0.7875" (20.0mm)  $\sigma$ 1.142" (29.0mm)

750 SFC 744cc, SOHC, CR 9.6:1, 2 cyl Std bore 80mm JPO823

1968-76

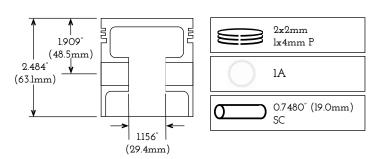




#### Lea Francis

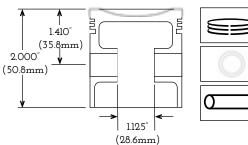


12, Westland, 1.5 litre 1496cc, 4 cyl Std bore 69mm JP1012 1940-48



### Leyland

Marina 1750, 2.6 1746cc, OHV, 4 cyl 2623cc, OHV, 6 cyl Std bore 3" (76.2mm) JP1008 Recommended max. oversize +030" 1972-74

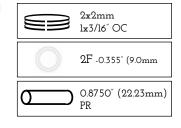


2x1/16" lx4mm OC 2A -0.225" (5.7mm

P76, Terrier 4416cc, OHV, 8 cyl Std bore 3 1/2" (88.9mm) JP0676

1973-78

1.875" (47.6mm) (74.9mm) (31.8mm)



JPO676
Recommended max. oversize +030"

#### Lloyd Arabella 1959-63 2x2mm 897cc, CR 7.5:1, 4 cyl 1.398" lx4mm P (35.5mm) Arabella de Luxe 1960-63 2.850" lΑ 897cc, CR 9:1, 4 cyl (72.4mm) Std bore 69mm 0.7086" (18.0mm) IP0840 1.043" (26.5mm) Alexander 1957-61 2x2mm 596cc, OHV, CR 6.6:1, 2 cyl 1.736 lx4mm OC (44.lmm) Alexander TS 1958-61 3.307 4H +0.213" (5.4mm) 596cc, OHV, CR 7.2:1, 2 cyl (84.0mm) Std bore 77mm 0.7875" (20.0mm) JP0827 1.142" (29.0mm) Lotus Seven 1957-61 2x2mm 1172cc, SV, CR 8:1, 4 cyl 1.781" lx4mm P (45.2mm) Std bore 2 1/2" (63.5mm) 2.922" lΑ JP0168 (74.2mm) 0.6875" (17.46mm) 1.040" (26.4mm) Elan, S2 +2, +2S 13O, +2S-S4 1964-74 2x1/16" 1558cc, DOHC, CR 9.5:1, 4 cyl 1.553" lx3/16" OC (39.5mm) Std bore 3 1/4" (73.025mm) 2.701" 1C (68.6mm) JP0484 Recommend max. oversize +.040" 0.8125" (20.64mm) 1.180" (30.0mm) Elan +2S 130 1971-74 2x1/16" 1.623" lx3/l6" OC 1558cc, DOHC, CR 9.5:1, 4 cyl (4l.2mm) Elan Sprint, Europa 1971-73 2.772" 4M (70.4mm) 1558cc, DOHC, CR 10:1, 4 cyl Std bore 3 1/4" (73.025mm) 0.8125" (20.64mm) JPO484A 1.180"

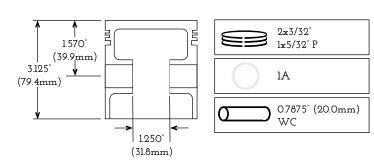
(30.0mm)







46, Compressor C950 2 cyl Std bore 80mm JP0756



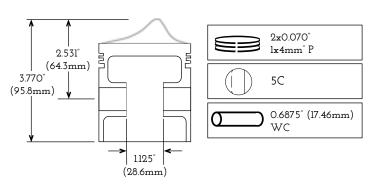


#### Marauder



Model A 103cc, SV, CR 7.25:1, 6 cyl Std bore 2.567" (65.2mm) JPO521

1948-54

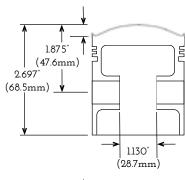


### Matchless\_

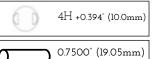


G9, Super Clubman 498cc, OHV, CR 7:1, 2 cyl Std bore 66mm JP1065

1949-55

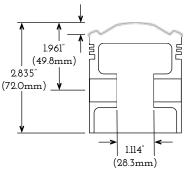


2x1/16" lxl/8" P



G9, Super Clubman 498cc, OHV, CR 7.8:1, 2 cyl Std bore 66mm JP1041

1956-59



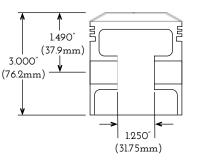
2x1/16" lx4mm P

4] +0.504" (12.8mm)

0.7500" (19.05mm)

D3, G3, G3/L, G4, Clubman and Special 347cc, OHV, CR 7:1, 1 cyl Std bore 2.7165" (69.06mm) JP1034

1935-46



2x1/16" lx1/8" P

4A +0.340" (8.64mm)

0.8750" (22.23mm)

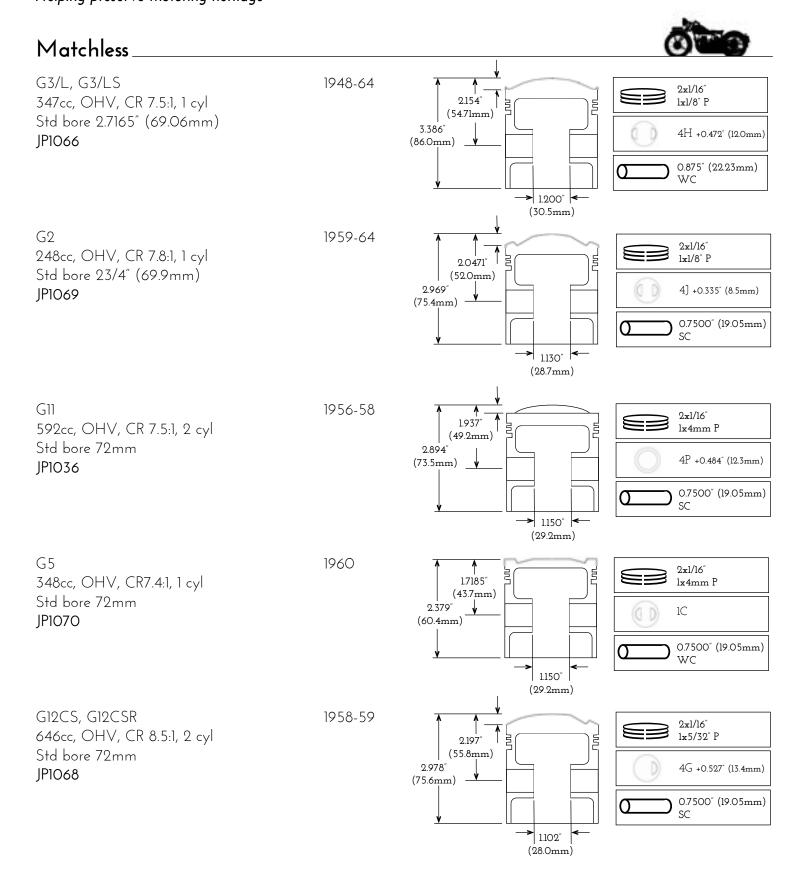
G3/L 347cc, OHV, CR 6.3:1, 1 cyl Std bore 2.7165" (69.06mm) JP1031

1948-55

2.000" (50.8mm) 2.875" (73.0mm) -1.250" (31.75mm)

2x1/16" lx1/8" P 4A +0.320" (81.2mm)

0.8750" (22.23mm)





#### Matchless\_



G12CS, G12CSR Monarch 646cc, CR 8.5:1, 2 cyl Std bore 72mm JP1035 1960-66

2.812"(51.58mm)
(71.4mm)

1173"
(29.8mm)

2xl/16" lx4mm P 4N +0.374" (9.5mm) 0.7500" (19.05mm) WC

G80, G80C 498cc, OHV, 1 cyl Std bore 3 1/4" (82.55mm SP207004 1938-46

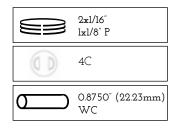
2x1/16" 1.312" (75.8mm)

1.230"

1.230"

(31.2mm)

G80 498cc, OHV, CR 7.2:1, 1 cyl Std bore 3 1/4" (82.55mm) JP1032 1947-55 | 1.812" (46.0mm) | 3.188" | (81.0mm) |



G80 498cc, OHV, CR 8.5:1, 1 cyl Std bore 3 1/4" (82.55mm) JP1033 1947-55

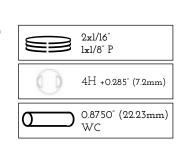
2xl/16° 1y32° (49 lmm) (84 lmm) 1313° (33.4mm)

1.313" (33.4mm)

(30.9mm)

G8OS 498cc, OHV, CR 7.3:1, 1 cyl Std bore 3 1/4" (82.55mm) JP1067 19 56-59

2.0625"
(52.4mm)
3.437"
(87.3mm)





### Matchless



498cc, SV, CR 5:1, 1 cyl X 990cc, SV, CR 5:1, 2 cyl Std bore 33/8" (85.73mm) JPO445

V-twin 1100cc, OHV, 2 cyl Std bore 3 3/8" (85.73mm) JPO387 Recommended max. oversize +060" 1933 2x1/16" 1.813" | (46.lmm) 3.500" \_ \nspace\* lx4mm P 1937-40 4] =0.061" (2.3mm) (60.4mm) 0.8750" (22.23mm)  $\sigma$ 1.197" (30.4mm) 1932 3x1/8" (47.6mm) 4GP +0.591" (15.0mm) 3.149" (80.0mm) 0.8125" (20.64mm) SC

> 1.327" | (33.7mm)

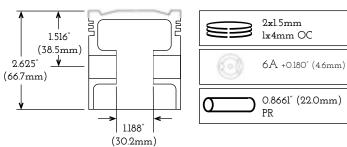


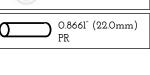
### Mazda



1587cc, OHC, 4 cyl, F6 engine Std bore 81mm JPO411

1983-89





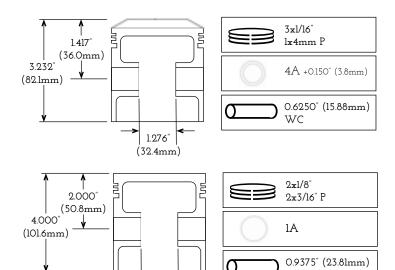
### Meadows



12/50 11.9 HP 4 cyl Std bore 69mm JP1098

1927-29

4EL/AV Tractor 4 cyl Std bore 95mm JPO295



1.594" (40.5mm)

#### Mercedes 200 (W21) 1933-36 2x3/32" 1.651" 1961cc, OHV, CR 5.8:1, 6 cyl, M21 engine lx3/16" P (4l.6mm) 130 (W23) 1934-36 3.311" 1A (84.lmm) 1308cc, OHV, 4 cyl, CR 6.5:1, M23 engine Std bore 70mm 0.7086" (18.0mm) SP202042 1.085" (27.6mm) 230 (W143) 1937-41 3x2mm 2289cc, OHV, CR 7:1, M153 engine 1.732" lx4mm OC (44.0mm) Std bore 72.5mm 3.465" 1A SP206009 (88.0mm) 0.7874" (20.0mm) WC 1.264" (32.lmm) 170V (W136) 1936-42 2x3/32" 1967cc, CR 6:1, 4 cyl, M136 engine l.496" lx3/16" OC 170H (W28) 1936-39 (38.0mm) 2.922" 1967cc, CR 6:1, 4 cyl, M28 II engine 1A (74.2mm) Std bore 73.5mm 0.7086" (18.0mm) SP240028 1.200" (30.5mm) 170S, 170V, 180 1950-57 1767cc, SV, CR 6.5:1, 4 cyl, M136 engine 3x2mm 1.732" (44.0mm) 3.465" lx4mm OC Std bore 75mm IP0610 1A (88.0mm) 0.7874" (20.0mm) 1.264" (32.lmm) 290 (W18) 1935-37 2x3/32" 2867cc, OHV, CR 6:1, 6cyl, M18 engine 1.847" lx4mm P (46.9mm) Std bore 78mm 3.584 SP202043 1A (91.0mm) 0.8661" (22.0mm) 1.120"

(28.5mm)



### Mercedes.



219, 220 Series 2196cc, OHV, 6 cyl, M180 engine Std bore 80mm SP216022 1951-55

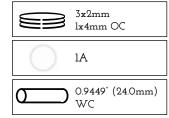
1.653" (42.0mm) (88.0mm) (35.5mm)

3x2mm lx4mm OC

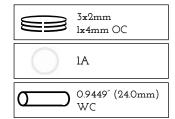
1A

0.8661" (22.0mm)
WC

220SE, 200SEB, 220SEC 1958-65 2196cc, OHV, CR 8.7:1, 6 cyl, M127 engine Std bore 80mm JP1109 3.459° (42.0mm) (88.0mm) (35.5mm)

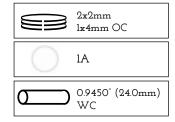


230SL 1963-64 2290cc, OHV, CR 9.3:1, 6 cyl, M113 engine Std bore 82mm SP207068 3.490" (42.2mm) (88.7mm) 1.340" (34.0mm)

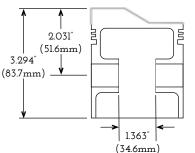


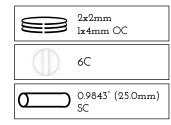
230, S, SL, S Universal 1963-67 2281cc, OHV, CR 9.3:1, 6 cyl Std bore 82mm SP202079

3.314" (52.2mm) (52.2mm) (34.2mm) (34.0mm)

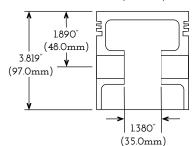


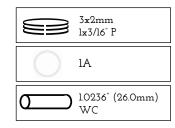
230SL, 230, 230S 2281cc, CR 9:1, 6 cyl, M180 engine Std bore 82mm JP1081





190C, 190SL, L319B, O319B 1955-61 1897cc, OHV, CR 8.7:1, 4 cyl, M121 engine Std bore 85mm SP980825



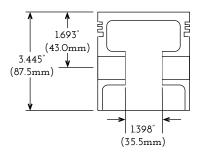




#### Mercedes\_



190, 190C, 190SL, L319B, O319B 1897cc, OHV, 4 cyl, M121 engine Std bore 85mm SP980826 1955-61



1.938"

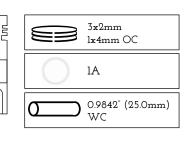
(49.2mm)

(81.4mm)

2x2mm lx3/l6" P

280S, 280SL 280SE, 300SEL 2778cc, OHC, CR 9:1, 6 cyl, M130 engine Std bore 86.5mm JP0729 Max. oversize +040"

1968-71 1968-72



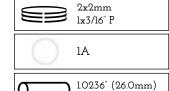
200, 110B2, 0309B 1988cc/2197cc, CR 9:1, 4 cyl, M121 engine Std bore 87mm SP240022

1965-68

1.890° (48.0mm)
3.464° (88.0mm)

1.417° (36.0mm)

1.313" (33.4mm)



280SE, 280SEL, 300 SEL, 350 SL 3499cc, SOHC, CR 9.5:1, 8 cyl, M116.980/.981/.982/.983 engine

1969-75

2x2mm 1.795" (45.6mm) 3.370" (85.6mm) 1E -0.063" (16mm) WC

(35.6mm)

Std bore 92mm **SP219017** 



Mercedes \_\_\_\_\_

#### Mercury (see Ford) Messerschmidt KR200 3x2mm 191cc, 2-stroke, 1 cyl lx4mm P 1.968" (50.0mm) Std bore 65mm 3.209 4F +0.161" (4.1mm) SP206604 (81.5mm) 0.6250" (15.88mm) 0.928" (23.6mm) MG Midget, J1, J2 1928-34 2x2mml.417" 847cc, SV/OHV, 4 cyl 2x4mm P (36.0mm) Magna 1934-35 2.618" 1A 1286cc, OHV, 6 cyl (66.5mm) Std bore 57mm 0.5625" (l4.29mm) JPO533 0.875" (22.2mm) Midget, J1, J2 1928-34 2x2mm 847cc, SV/OHV, 4 cyl 1.417" 2x4mm P (36.0mm) KN, NA, Magnette 1934-35 lΑ 1286cc, OHV, 6 cyl (66.5mm) Std bore 57mm 0.5625" (14.29mm) JPO533A 0.875" (22.2mm) Midget, J1, J2 1928-34 2x2mm 1.417" 847cc, OHV, 4 cyl lx4mm P (36.0mm) Std bore 57mm 1A (66.5mm) JPO533B 0.5625" (14.29mm)

1928-34



Midget, J1, J2

JPO533R Racing

847cc, OHV, 4 cyl

Std bore 57mm

0.5625" (14.29mm)

2x0.047"

lx4mm P

1A

O.875" (22.2mm)

O.875" | (22.2mm)

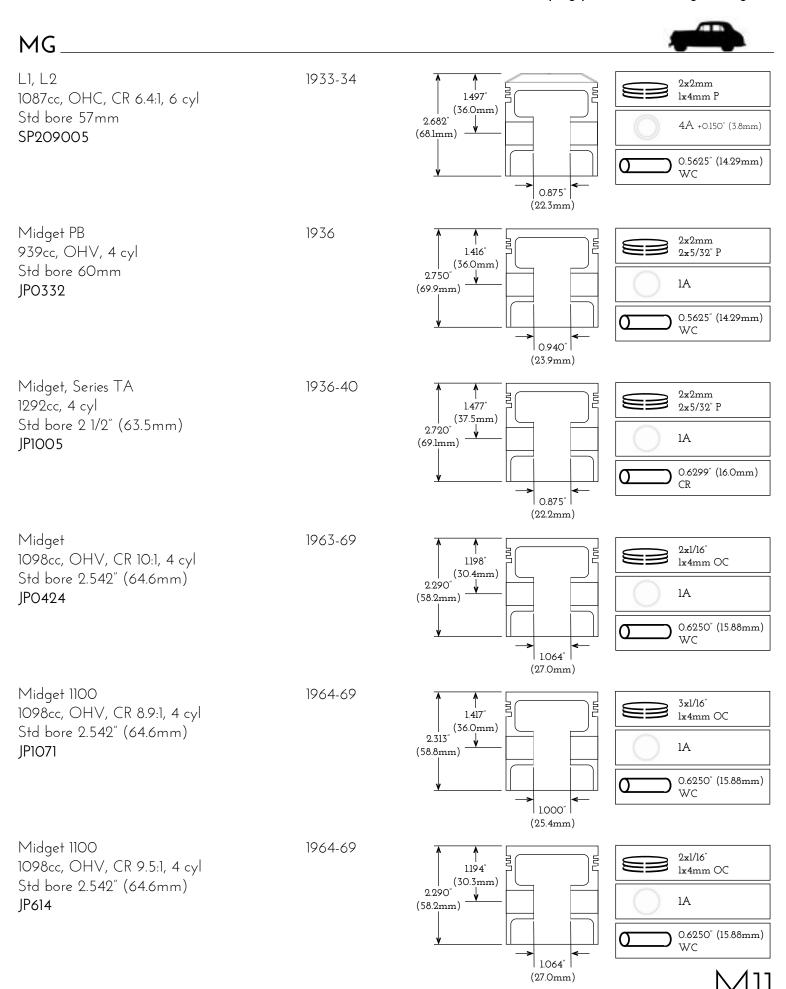
1.417"

(36.0<sub>mm</sub>)

2.618"

(66.5mm)



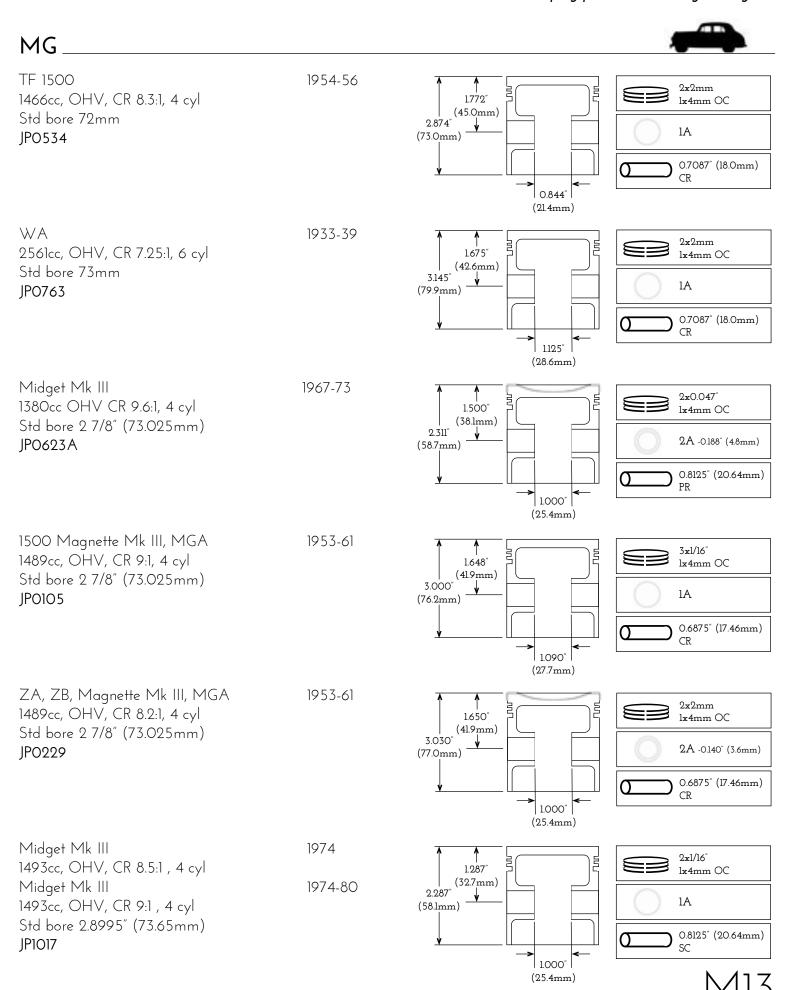


#### MG Y, YA, YB, T Series 1939-56 2x2mm 1250cc, OHV, CR 7.4:1, 4 cyl 1.769" lx4mm OC (44.9mm) Std bore 66.5mm (73.5mm) JP0200 0.7088" (18.0mm) σ 0.844" (21.4mm) T Series, overbored 1939-56 2x2mm1.772" 1348cc, OHV, CR 8.6:1, 4 cyl lx4mm OC (45.0mm) Std bore 2.718" (69.04mm) 2.874 1A JP0510 (73.0mm) 0.7087" (18.0mm) σ 0.875" (22.2mm) Series V 1937-40 2x2mm 1550cc, SV, 4 cyl 1.677" lx4mm P (42.6mm) Series S 1938-40 3.169 1998cc, OHV, 6 cyl 1A (80.5mm) Std bore 2,7362" (69.5mm) 0.7087" (18.0mm) σ JP1009 0.890" (22.6mm) Midget Mk III, 1300 Mk I, II 1967-74 3x1/16" 1275cc, OHV, CR 8.8:1, 4 cyl 1.500" lx4mm OC Std bore 2.795" (70.6mm) (38.lmm) 2.750 IPO427 2A -0.226" (5.7mm) (69.9mm) 0.8125" (20.64mm) 1.000" (25.4mm) Midget Mk III, 1300 Mk I, II 1964-82 3x1/16" 1275cc, OHV, CR 9.75:1, 4 cyl 1.500" lx4mm OC (38.lmm) Std bore 2.795" (70.6mm) 2.311" JP0441 2A -0.210" (5.3mm) (58.7mm) 0.8125" (20.64mm) 1.000" (25.4mm) Midget Mk III 1967-76 2x1/16" 1275cc, OHV, CR 11.7:1, 4 cyl l.498" lx4mm OC Std bore 2.795" (70.6mm) (38.0mm) 2.307 1A **IPO448** (58.6mm) 0.8125" (20.64mm) 1.000"

M12

(25.4mm)



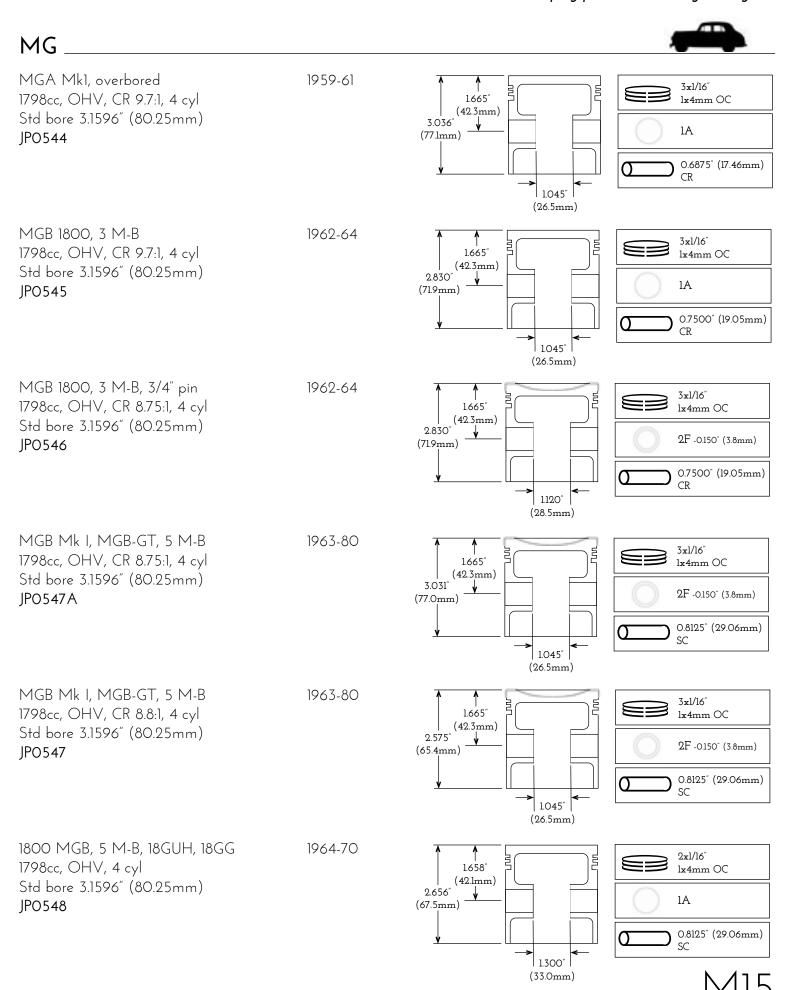


MG 14/40 1924-28 2x2mm 14/40 MkIV 1927-29 1.656" lx4mm P (42.lmm) 1802cc, SV, CR 5:1, 4 cyl 3.125 1A (79.4mm) Std bore 75mm JP1007 0.7875" (20.0mm) 0.844" (21.4mm) MGA Twin Cam 1958-60 3x1/16" 털 1588cc, DOHC, CR 8.3:1, 4 cyl lx5/32" OC 2.270" (57.7mm) Std bore 2.968" (75.4mm) 3.690" 4R +0.640" )16.3mm) JP0749 (93.7mm) -0.8750" (22.23mm) 1.170" (29.7mm) MGA 1600; 11/16" pin 1959-61 2x2mm 1588cc, OHV, CR 9.5:1, 4 cyl 1.685" lx4mm OC (42.lmm) Std bore 2.968" (75.4mm) 3.025" 1A (76.8mm) -JP0347 0.6875" (17.46mm) 1.000" (25.4mm) MGA MkI 1960-61 2x2mm1588cc, OHV, CR 9.5:1, 4 cyl 1.654" 1x3/16" OC (42.0mm) Std bore 2.968" (75.4mm) 3.031 2A -0.170" (4.3mm) (77.0mm) IPO395 0.6875" (l7.46mm)  $\sigma$ 0.970" (24.6mm) MGA MkII 1961-62 2x1/16" Magnette Mk IV 1962-67 1656" lx4mm OC (42.lmm) 1588cc, OHV, CR 9.5:1, 4 cyl 3.031" lΑ (77.0mm) Std bore 3" (76.2mm) JPO511 0.6875" (17.46mm) 1.000" (25.4mm) MGA MkII 1961-62 3x1/16" Magnette Mk IV 1962-67 1.660" lx4mm OC (42.2mm) 1588cc, OHV, CR 9.5:1, 4 cyl 3.025" lΑ (76.8mm) Std bore 3" (76.2mm) JP0397 0.7500" (19.05mm) 1.000"

M14

(25.4mm)







MG 1800 MGB, 5 M-B, 18GUH, 18GG 1964-70 2x1/16 1798cc, OHV, 4 cyl, overbored 1.658" lx3/16" OC (42.lmm) Std bore 3 1/4" (82.55mm) 2.656 1A JPO548A (67.5mm) 0.8125" (29.06mm) 1.300" (33.0mm) MGB Mk II, MGB GT, 5 M-B 1971-78 3x1/16" l.660" 1798cc, OHV, CR 9:1, 4 cyl lx4mm OC (42.2mm) Std bore 3.1596" (80.25mm) 2.570 2F -0.159" (4.0mm) (65.3mm) JP0317 0.8125" (29.06mm) 1.145" (29.lmm) MGC, MGC GT 1968-70 3x2mm1.875" 2912cc, OHV, CR 9:1, 6 cyl lx3/16" OC (47.6mm) Std bore 3.2805" (83.3mm) 3.440" JP0446 1A (87.4mm) 0.8750" (22.23mm)  $\sigma$ WC 1.130" (28.7mm) MG GT V8 1973-76 2x2mm3528cc, OHV, CR 8.25:1, 8 cyl 1.853" 1x3/16" OC (47.lmm) Std bore 3 1/2" (88.9mm) 2.930" 2F -0.160" (4.lmm) (74.4mm) JP1016 Recommended max. oversize +030" 0.8750" (22.23mm) σ

1.250" (31.8mm)

#### Mini.

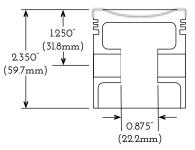


Cooper 997cc, OHV, CR 9:1, 4 cyl Std bore 2.458" 62.4mm JPO580 1961-64

1960-69

1967-69

1970-72

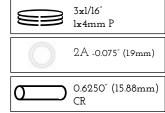


1.195"

(30.35mm)

2.315

(58.8mm)

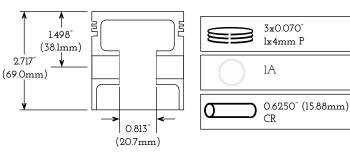


2x2mm

lx4mm OC

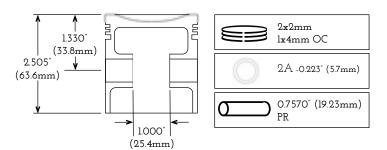
2A -0.219" (5.56mm)

Mini Minor, Mini van, Mini Moke Mini Minor Mk II, City, SDL 850 848cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 2.477" 62.9mm JPO561





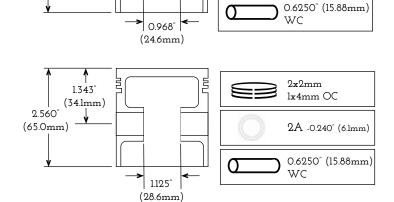
Deluxe, Moke 997cc, CR 8.7:1, 4 cyl Std bore 2.542" (64.6mm) JPO686 1967-69



1100 OHV, Clubman, Mini S, Minimatic, Moke 1975-83 1098cc, OHV, CR 8.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP0553



Cooper Deluxe, Mini 1000, S, LS, SS; Moke 1965-78 998cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP0313





Mini



1100 OHV, Clubman, Mini S, Minimatic, Moke 1098cc, OHV, CR 8.9:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JPO553A

0553A APULIANTIA CS8000



2.313° (30.3mm) (58.8mm) 2A -0.098° (2.5mm) WC (25.4mm)

Cooper, Mini 1000, S, LS, SS; Moke 998cc, OHV, CR 8.4/9.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm)

JPO524A





Mini 1275GT 1275cc, OHV, CR 8.8:1, 4 cyl, A Series Std bore 2.7795" (70.6mm) JP0617

Willys

1970-75

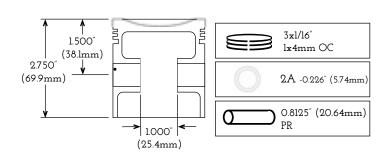
1964-73

1965-78

1965-78







Cooper S 1275cc, OHV, CR 11.7:1, 4 cyl, A Series Std bore 2.7795" (70.6mm) JPO450

C\$8000 CV\$8700



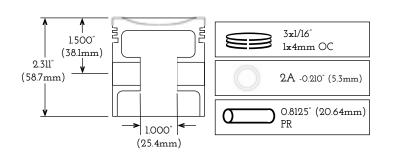
2x1/16"
1.4976"
(38.0mm)
(58.6mm)

1.000"
(25.4mm)

Cooper 'S', 1100S, 1300, Clubman GT, LS, Moke Californian 1963-82 1275cc, OHV, CR 9.75:1, 4 cyl, A Series Std bore 2.7795" (70.6mm) JP0618









Mini\_



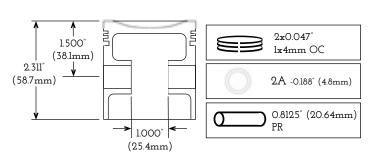
Cooper 'S' overbored 1380cc, OHV, CR 9.75:1, 4 cyl, A Series Std bore 2 7/8" (73.025mm)

JP0623





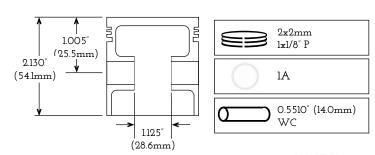
1963-82



### Mitsubishi\_

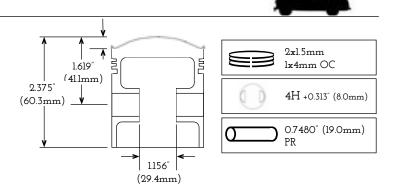


G511 1 cyl Std bore 68mm JPO673



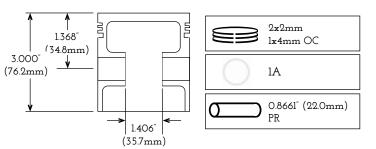
### Mitsubishi\_

Cordia AB, AC, Nimbus UA,UB 1755cc, OHV, 4 cyl, 4G37engine Std bore 80.6mm JPO410 1984-89

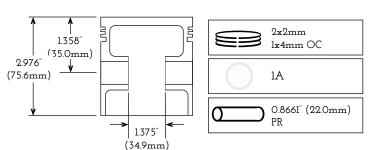


Astron, L200 MA, MB, Sigma GE, GH, GK, G, Scorpion GE 1977-79 1995cc, OHV, 4 cyl, 4G52 engine Std bore 84mm JP0692

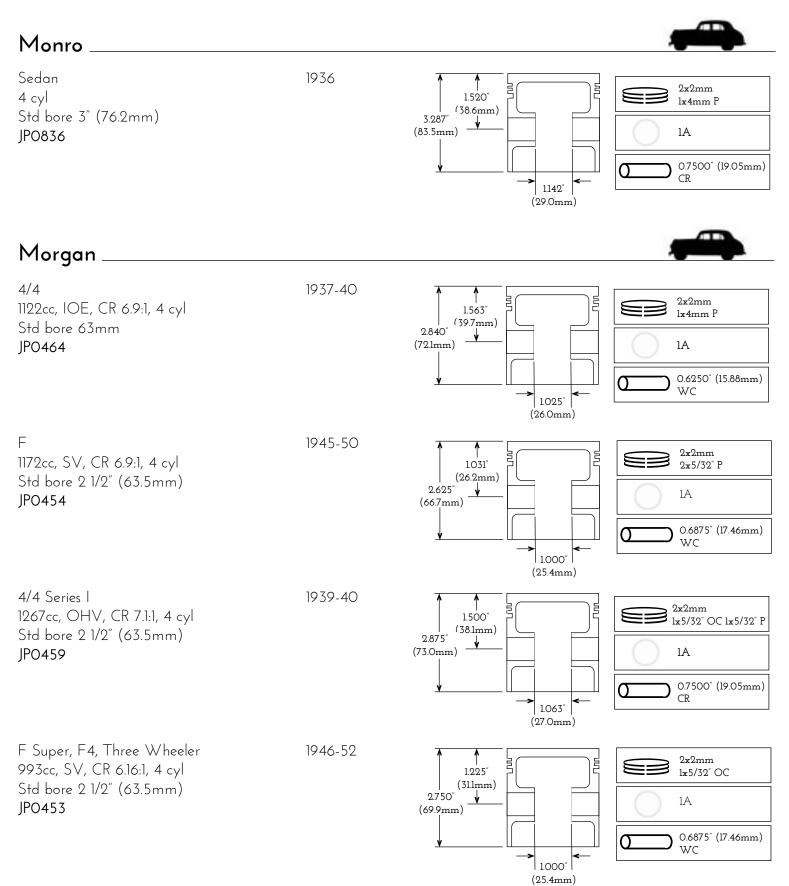
Canter 1975-80 2384cc, OHV, 4 cyl, 4G53 engine Std bore 88mm JPO648



Canter FC, Pajero NA, NB, NC, ND, N,
Triton ME, MF, MG, MH, Sigma GE,
GH, GJ, GK, GN, Scorpion GH, G 1979-81
2555cc, OHV, 4 cyl, 4G54 engine
Std bore 91.1mm
JP0681







#### Morgan\_ 4/4 Series II 1955-60 2x2mm 1172cc, SV, CR 7:1, 4 cyl 1.781" lx4mm OC (45.2mm) Std bore 2 1/2" (63.5mm) 1A JPO458 (74.6mm) 0.6870" (17.45mm) 1.000" (25.4mm) 4/4 Series III 1960-61 2x2mm 1.531" 997cc, OHV, CR 8.9:1, 4 cyl lx4mm OC (38.9mm) 4/4 Series IV 1961-65 3.040" 1A (77.2mm) 1340cc, OHV, CR 8.5:1, 4 cyl 4/4 Series V 1966-67 0.8125" (20.64mm) $\sigma$ 1498cc, OHV, CR 9:1, 4 cyl Std bore 3 3/16" (80.95mm) 1.063" (27.0mm) JPO463 4/4 Series V 1960-75 2x1/16" 1498cc, OHV, CR 9:1, 4 cyl 1.531" lx3/16" OC (38.9mm) Std bore 3 3/16" (80.95mm) 2.625 1A JPO462 (66.7mm) 0.8125" (20.64mm) $\sigma$ 1.188" (30.2mm) 4/4 1600 1967 2x2mm 1599cc, OHV, CR 9:1, 4 cyl 1.738" lx4mm OC (44.2mm) Std bore 3.1884" (80.985mm) 3.280" 3F -0.500" (12.7mm) (83.3mm) JPO476 0.8125" (20.64mm) 1.188" (30.2mm) Plus Four 1954-62 3x2mm2.000" 1991cc, OHV, CR 8.5:1, 4 cyl lx4mm OC (50.8mm) Std bore 83mm 3.440" lΑ JPO461 (87.4mm) 0.8750" (22.23mm) $\sigma$ 1.250" (31.8mm)



(30.2mm)

#### Morgan. Plus Four 1950-54 3x2mm2088cc, OHV, CR 6.7:1, 4 cyl 2.004" lx4mm OC (50.9mm) Std bore 85mm 3.440" (87.4mm) JP0460 0.8750" (22.23mm) 1.380" (35.lmm) Plus Four 1962-69 3x1/16" 2.000" 2138cc, OHV, CR 9:1, 4 cyl lx4mm OC (50.8mm) Std bore 33854" (85.989mm) 3.440" lΑ JP0509 (87.4mm) 0.8750" (22.23mm) WC 1.219" (31.0mm) Plus Eight 1968-73 1.857" 2x2mm 3528cc, OHV, CR 10.5:1, 8 cyl lx3/16" OC (47.2mm) Std bore 3 1/2" (88.86mm) 2F -0.042" (1.1mm) JP0504 (74.6mm) 0.8750" (22.23mm) 1.188"

Morris		
Minor 847cc, OHC, 4 cyl 10/6 1378cc, SV, 6 cyl Std bore 57mm JP1015	1928-34 1934	2x2mm 2x4mm P  1A17" (36.0mm)  1A  0.875" (22.2mm)
Minor SV, OHV, 4 cyl Std bore 57mm JP0157	1929-34	1.417' (36.0mm) 2.618' (66.5mm)  1.417' (36.0mm)  1.417' (36.0mm)  1.417' (2x.2mm)  2x.2mm 2x.4mm P  1.417' (2x.4mm P)
10/6 1378cc, SV, 6 cyl Std bore 57mm JPO595	1934-35	2x2mm 2x4mm P 2.648° (67.3mm) 4F +0.276° (7.0mm) CR
8 H.P. Series I, II, Light Van 918cc, SV, 4 cyl Std bore 57mm JPO318	1935-39	0.984" 2x2mm P  2.370" 2x4mm P  1A  0.5900" (15.0mm)  0.813" (20.7mm)
8 Series 'E' Minor Series MM 5cwt Series Z 918cc, SV, 4 cyl Std bore 57mm JP0201	1939-48 1949-52	2.500" (28.0mm) (63.5mm)  1A  0.780" (19.8mm)
Minor Series II 803cc, OHV, CR 7.2:1, 4 cyl Std bore 2.280" (57.9mm) JP0278	1952-57	2.570° (65.3mm)  2.570° (65.3mm)  2.570°  2.50°  2.

(19.lmm)

## Helping preserve motoring heritage

### Morris



14/6 Series | | & | | | , Q 1818cc, OHV, 6 cyl Std bore 2.41" (61.5mm) JP0901

1936-40

2x2mm1.673" 2x4mm P (42.5mm) 3.130" 1A (79.5mm) 0.7087" (18.0mm) 0.906" (23.0mm)

Minor 1000 948cc, OHV, CR 9:1, 4 cyl, A Series Std bore 2.477" (62.9mm) JP0155

1955-62





2x2mm1.350" lx4mm P (34.3mm) 2.595 (65.9mm) 1A 0.6250" (15.88mm) 0.875" (22.2mm)

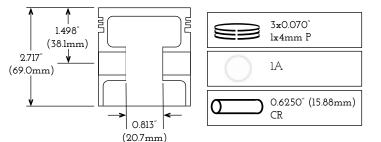
Minor 850, Mini-Van 850cc, OHV, CR 9:1, 4 cyl, A Series Std bore 2.477" (62.9mm)

1960-69



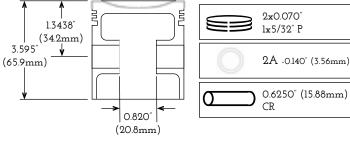


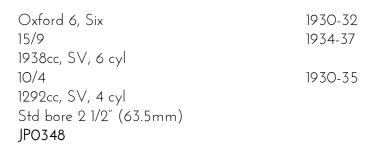


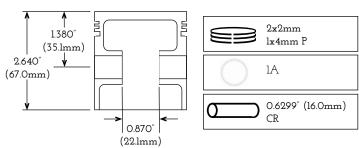


Minor 1000, Series III, 5cwt van 948cc, OHV, CR 8.3:1, 4 cyl Std bore 63mm IP0156

1957-62







#### Morris



Oxford 6, Six 1930-32 15/9 1934-37 1938cc, SV, 6 cyl 10/4 1930-35 1292cc, SV, 4 cyl Std bore 2 1/2" (63.5mm) JP0703

10/4, Series II & III, G2, G2S, Taxi Cab 1935-38 1292cc, OHV, 4/6 cyl Std bore 2 1/2" (63.5mm) JP0416

10 Series M, SM 1140cc, OHV, CR 6:1, 4 cyl Std bore 2 1/2" (63.5mm) JP0205

1939-48

Minor 1000, 1100 1098cc, OHV, CR 8.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm) IPO326





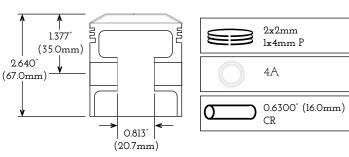
1963-71

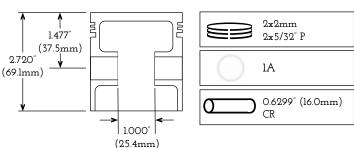
1963-71

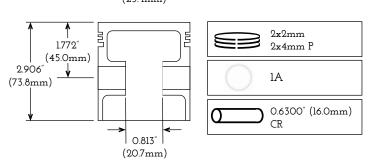
Minor 1100 1098cc, OHV, CR 10:1, 4 cyl, A Series Std bore 2.542" (64.6mm) JP0338

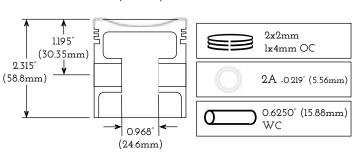


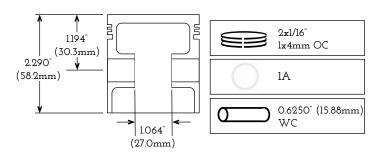














#### Morris



Metro 310 998cc, OHV, CR 9.5:1, 4 cyl, A Series Std bore 2.542" (64.6mm)

JPO336





Cowley, Metropolitan 1200cc, OHV, CR 7.2:1, 4 cyl, A Series Std bore 2 37/64" (65.47mm) JP0299





Cowley 1200 1200cc, OHV, CR 7.2:1, 4 cyl Std bore 2 37/64" (65.47mm) JP0146

lsis 6 2468cc, OHC, 6 cyl Std bore 69mm SP109635

18 2288cc, OHV, 6 cyl Std bore 69mm JP0761

Cowley 1550cc, SV, 4 cyl Std bore 2.736" (69.5mm) IPO364 1931-35

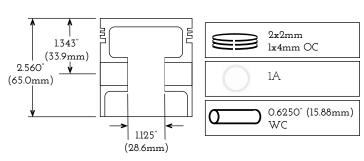
1951-54

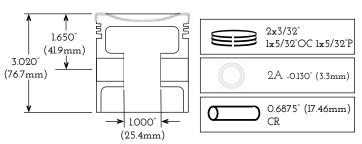
1981-98

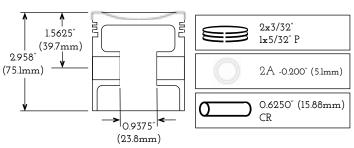
1954-57

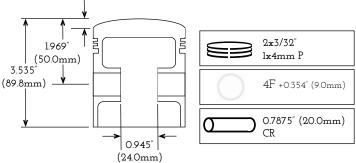
1936-37

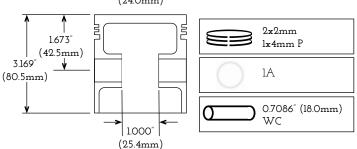
1926-31

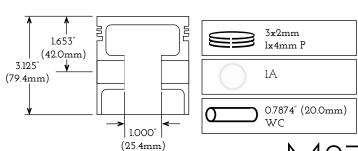












M27

#### Morris



12/4 Series II 12/4 Series III, T Series 1550cc, SV, 4 cyl Std bore 2.736" (69.5mm) JPO517

1936-37 1938-41

2x2mm1.675 lx4mm P (42.6mm) 3.169 1A (80.5mm) 0.7087" (18.0mm) 0.890" (22.6mm)

Marina 1300, L, HL, 7-10cwt van 1275cc, OHV, CR 8.8:1, 4 cyl, A Series Std bore 2.7795" (70.6mm) JPO426

1972-80



3x1/16" 1.500" lx4mm OC (38.lmm) 2.750 (69.9mm) 2A -0.226" (5.74mm) 0.8125" (20.64mm) **1**.000" (25.4mm)

Marina 1300, 1300GT 1275cc, OHV, CR 9.75:1, 4 cyl, A Series Std bore 2.7795" (70.6mm)

1972-80

JPO443



3x1/16" 1.500" lx4mm OC (38.lmm) 2.311" (58.7mm) 2A -0.210" (5.3mm) 0.8125" (20.64mm) 1.000" (25.4mm)

Marina 1300 1275cc, OHV, CR 11.7:1, 4 cyl, A Series Std bore 2.7795" (70.6mm)

1968-80

**IPO447** 



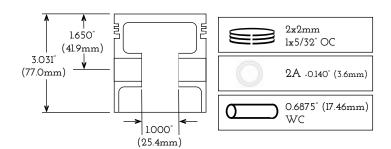
2x1/16" 1.4976" lx4mm OC (38.0mm) 2.307 1A (58.6mm) 0.8125" (20.64mm) 1.040"

1500 Oxford Series II, III, 15/50, 15/60 1489cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 2 7/8" (73.025mm)

1956-62

JP0233





(26.4mm)



#### Morris \_



Marina 1380cc, OHV, CR 9.6:1, A Series Std bore 2 7/8" (73.025mm) JP0623B





Oxford, Series MO, J Type Cowley van 1948-57 1476cc, SV, 4 cyl Six, Series MS 2215cc, OHC, 6 cyl Std bore 73.5mm IPO203

Oxford 1802cc, SV, 4 cyl Std bore 75mm JPO437

Oxford 1802cc, SV, 4 cyl Std bore 75mm IPO437A

Oxford, Major Elite (Australian release) 1959-64 1599cc, OHV, CR 6.3:1, 4 cyl, B Series Std bore 3" (76.2mm) JPO213



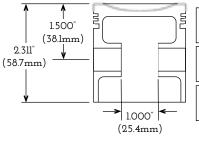


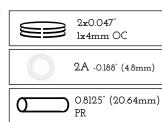
1969-74

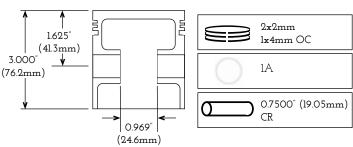
Marina 1500, 2200 4 cyl 6 cyl Std bore 3" (76.2mm) JP0215 1972-80

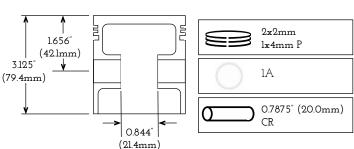
1922-29

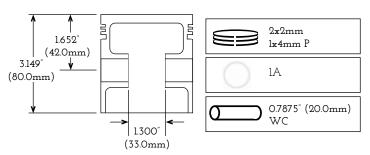
1924-26

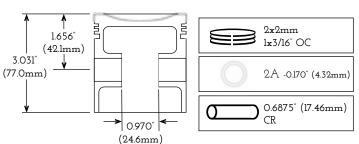


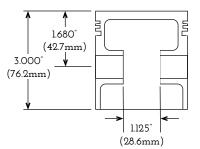


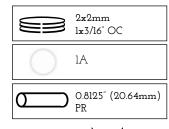












M29

#### Morris Marina 1750, 2.6 (Australian release) 1972-74 2x1/16" 1746cc/2623cc, OHV, 4/6 cyl, E Series 1.410" lx4mm OC (35.8mm) Std bore 3" (76.2mm) 2.000" (50.8mm) JP0732 2A -0.225" (5.7mm) Recommended max. oversize +030" 0.8125" (20.64mm) 1.125" (28.6mm) 2200 E, HL 1972-75 3x1/16" 2227cc, OHV, CR 9.5:1, 6 cyl, E Series 1.698" lx4mm OC (43.lmm) Std bore 3" (76.2mm) 2.944" lΑ JPO451 (74.8mm) 0.8125" (20.64mm) $\sigma$ 1.000" (25.4mm) LC5, Isis 1955-57 2x3/32" 1.860" 2639cc, OHV, CR 7:1, 6 cyl lx3/16" OC (47.2mm) Std bore 3 1/18" (79.4mm) 3.428 (87.lmm) JP0255 2A -0.225" (5.7mm) 0.8750" (22.23mm) $\sigma$ 1.160" (29.5mm) 1956-57 lsis 2x2mm 2639cc, OHV, CR 9:1, 6 cyl 1.875" lx3/16" OC (47.6mm) Std bore 3 1/18" (79.4mm) 3.250" 1A IP0309 (82.6mm) 0.8750" (22.23mm) 1.1875" (30.2mm) 1957-60 lsis 2x2mm1.875" 2639cc, OHV, CR 9:1, 6 cyl lx3/16" OC lx3/16" P (47.6mm) Std bore 3 1/18" (79.4mm) 3.406 (86.5mm) 1A JP0257 0.8750" (22.23mm) 1.250" (31.8mm)



#### Morris.



1800	1967-68
1800 MkII	1968-71
1800, 1800HL	1973-75
Marina 1.8TC, 1.8GT, 1.8HL	1971-78
1800S Mk II	1971-72
1798cc, OHV, CR 9:1, 4 cyl, B Series	
Std bore 3.1595" (80.2mm)	
JPO307	

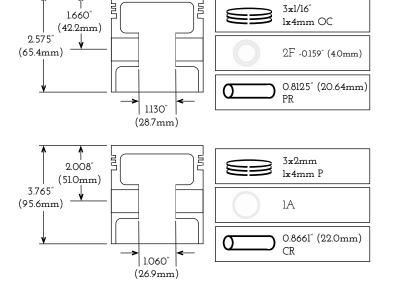
Marina 1.8TC, GT, HL 1798cc, OHV, CR 9:1, 4 cyl, B Series Std bore 3.1595" (80.2mm) JPO319 1971-75







25 H.P. Series II & III, 'O' 3485cc, OHV, 6 cyl Std bore 82mm JPO344 1936-40



#### Morris.



Mini-Van 850cc, OHV, CR 9:1, A Series Std bore 2.477" (62.9mm) JPO329





1960-69

1957-62

1981-85

1927-33

1935-41



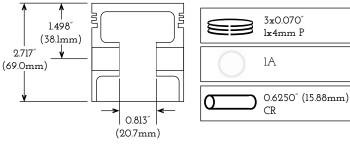


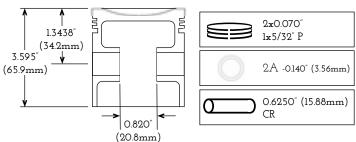
City Van 998cc, OHV, CR 9.5:1, 4 cyl, A+ Series Std bore 2.542" (64.6mm) JPO336

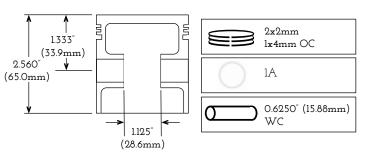


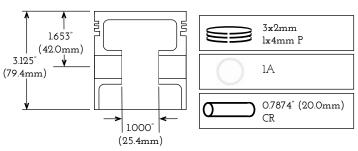
8/10/12cwt, Light Van 1550cc, 4 cyl Std bore 2.736" (69.5mm) IPO382

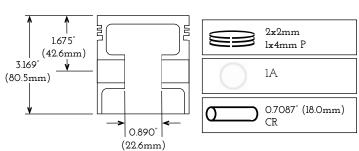
10/12cwt, Series Y 1550cc, SV, 4 cyl Std bore 2.736" (69.5mm) JPO517













### Morris

JPO437



7-10cwt van 1275cc, OHV, CR 8.8:1, 4 cyl, A Series Std bore 27795" (70.6mm) IPO426





1972-80

1956-62

J2, 15cwt, Minibus 1489cc, OHV, CR 8.3:1, 4 cyl, B Series Std bore 2 7/8" (73.025mm) JP0233





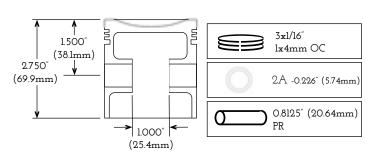
8/10/15/20 cwt, Commercial and Light van, 1927-39 Navigator Marine 1802cc, 4 cyl Std bore 75mm

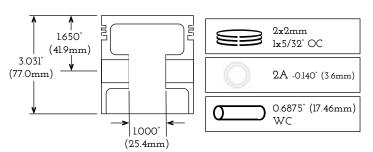
NEB, LC, LCS, LD, PV, 15-30 cwt 15.9 H.P., OHV, 4 cyl Std bore 80mm IP0204

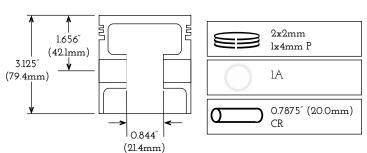
1939-53

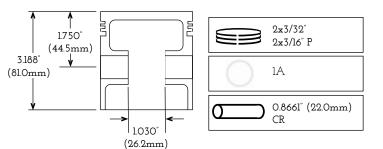
CS, CV, CVS, Equiload, 2, 3, & 5 ton 1934-41 3485cc, SV, 6 cyl Std bore 82mm JP0344

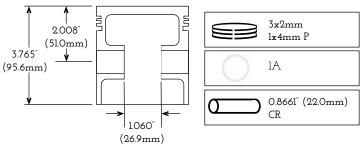
FVS, NVS Series 1950-54 4197cc, OHV, CR 6.4:1, 6 cyl Std bore 88mm JP0331

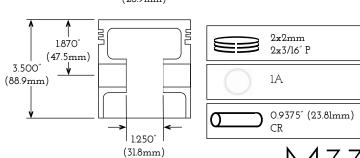














#### Morris\_



2-3 ton 22.3 HP, 3.4L 20HP 3400cc, OHV, 4 cyl Diesel 5 ton, 702 7 ton 5103cc, OHV, CR 16.5:1, 6 cyl Std bore 95mm JP0305

1954-57

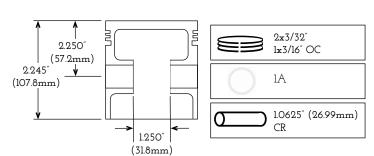
2x1/16" 2x3/16" P RBP

3A -0.915" (23.2mm)

1.500"

(38.lmm)

C, CD, CV, FV, NCV 3519cc/3770cc, SV, 4 cyl Std bore 100mm JP0199



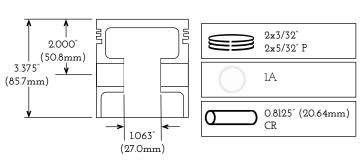


### Nash



Rambler Series 10 173cui, SV, CR 7.25:1, 6 cyl Std bore 3 1/8" (79.4mm) JPO271

1950-54



Ambassador 6, Advanced 6, Big 6 235 cui, OHV, CR 6.8:1, 6 cyl Ambassador 8, Advanced 8 322cui, OHV, 8 cyl Std bore 3 3/8" (85.7mm) JP0272

1934-52

1932-34

1929

2.313" (58.7mm) 3.875" (98.4mm)

> 1.438" (36.5mm)

2x3/32" 2x3/16" P 1A 0.8750" (22.23mm)

WC

Standard Six Series 420 184 cui, SV, CR 5:1, 6 cyl Std bore 3 1/8" (79.4mm)

JP0705

2x3/32" 2.250" lx3/16" P (57.2mm) 3.813" 1A (96.9mm) 0.8125" (20.64mm) 1.188" (30.2mm)

Rambler Classic, Rebel 287 cui, 8 cyl Std bore 3 3/4" (95.3mm) IP0702

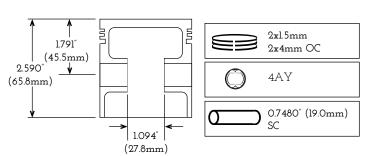
1964-66

2x2mm 1.934" 2x3/16" OC (49.lmm) 3.688" 1A (93.7<sub>mm</sub>) 0.9315" (23.66mm) 1.375" (34.9mm)

### Nissan\_



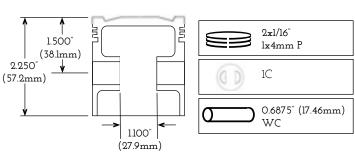
RB20 1998cc, OHC, 6 cyl Std bore 78mm JP0498



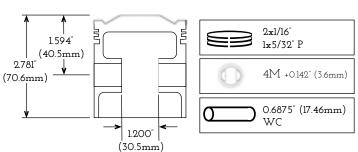
#### Norton



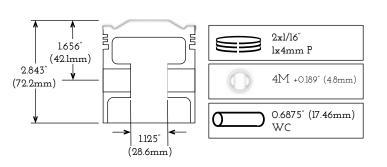
Navigator 349cc, OHV, CR 8.25:1, 2 cyl Std bore 63mm JPO597 1960-65



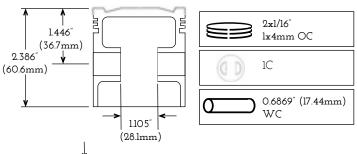
7 88 88 Nomad 88SS 497cc, OHV, CR 7.8:1, 2 cyl Std bore 66mm JPO694 Pistons supplied in pairs 1949-55 1952-63 1960 1961-66



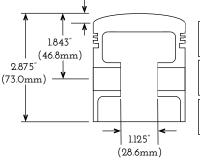
7 88 88 Nomad 88SS 497cc, OHV, CR 9.5:1, 2 cyl Std bore 66mm JPO691 Pistons supplied in pairs 1949-55 1952-63 1960 1961-66

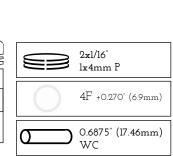


Electra 400 397cc, two port, CR 7.9:1, 2 cyl Std bore 66mm JP1103 1963-64



77 99 596cc, OHV, CR 7.4:1, 2 cyl 99 Nomad 596cc, OHV, CR 9:1, 2 cyl 99SS 596cc, OHV, CR 8.25:1, 2 cyl Std bore 68mm JP0739 1957-58 1956-62 1958-60 1961-62







#### Norton



Manxman	1960-61
Mercury	1958-70
Dominator Twin, 650, 650SS	1962-67
646cc, OHV, CR 8.9:1, 2 cyl	
CILL	

Std bore 68mm JP0892

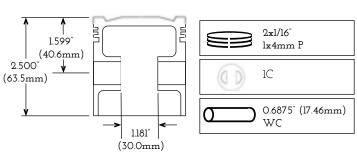
Model 50 1933-39/1956-63 OHV, 348cc, CR 7.3:1, 1 cyl Std bore 71mm JP0890 Recommended max over size +040"

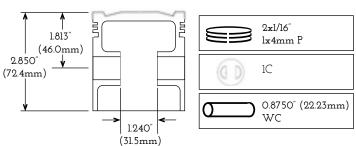
Atlas MX	1963-64
N15CS	1954-68
PII	1967
P11A, Ranger	1968
745cc, OHV, CR 7.6:1, 2 cyl	
Commando, Combat 750 engine	1968-73
745cc, OHV, CR 9:1, 2 cyl	
Std bore 73mm	

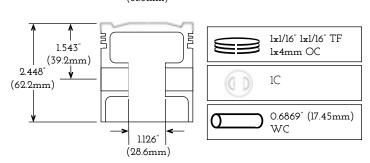
IP0784 Recommended max over size +060"

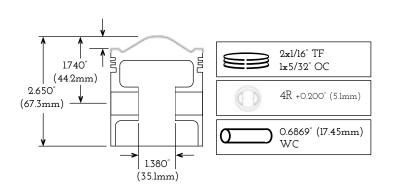
Atlas, P11, P11A, N15CS, Commando, Combat 750 engine 1964-73 745cc, OHV, CR 10:1, 2cyl Std bore 73mm JP0626 Pistons supplied in pairs

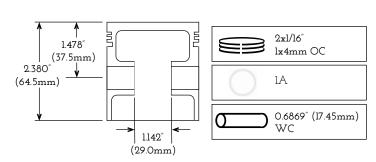
Commando 850 1973-77 828cc, OHV, CR 8.5:1, 2 cyl Std bore 77mm JP0925

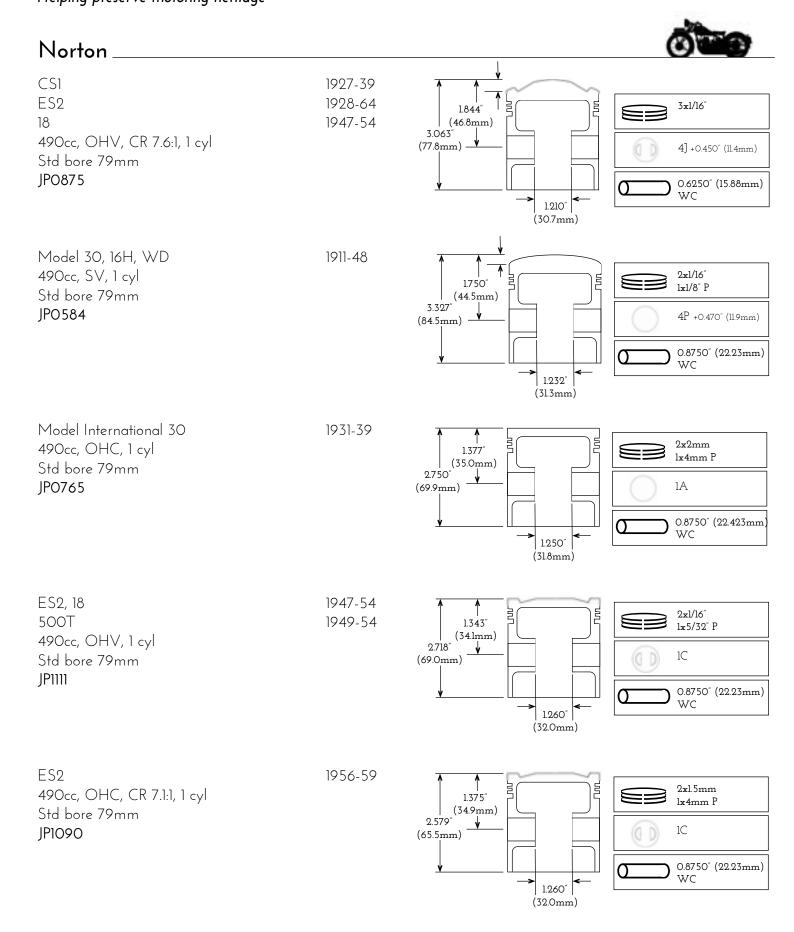














### Norton.



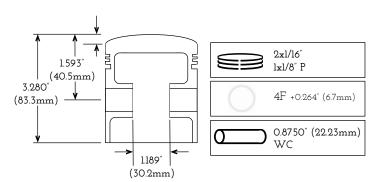
30 Manx 499cc, OHV, CR7.22:1 Std bore 79.62mm SP980220 1947-59

2x1/16" 1.500" (38.lmm) (75.4mm) 2x1/16" 1x1/8" P

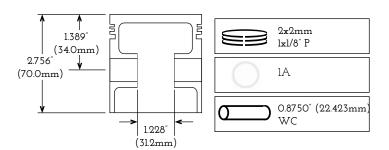
4H +0.128" (3.3mm) WC

0.8750" (22.23mm) WC

Model 1 'Big 4' 596cc, SV, 1 cyl Std bore 82mm SP200037 1947-54



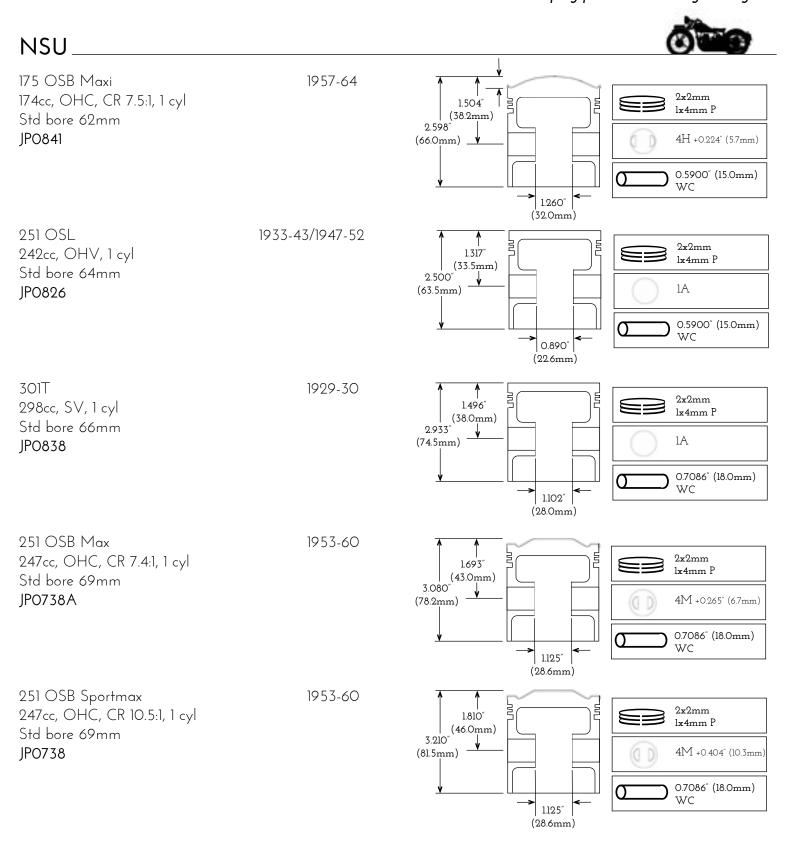
19, 19R, 19S 596cc, OHV, CR 7.5:1 Std bore 82mm SP200128

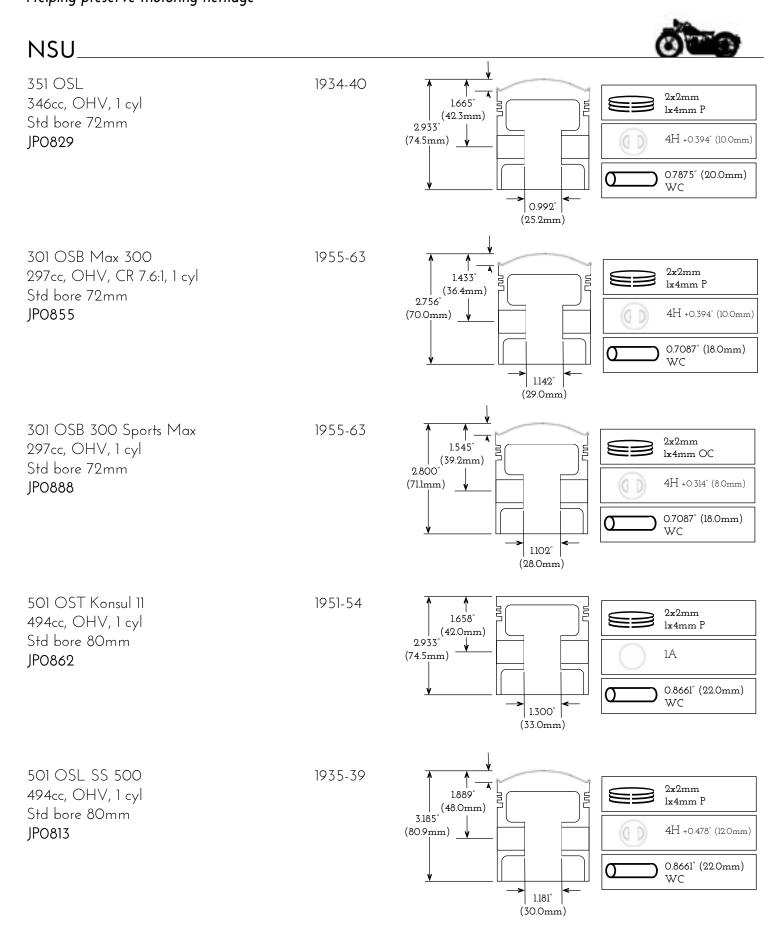




#### NSU 1200C 1967-73 2x2mm1177cc, OHC, CR 7.8:1, 4 cyl 1.719 lx4mm OC (43.7mm) Std bore 75mm 2.913" JP0817 (74.0<sub>mm</sub>) 4M +0.083" (2.lmm) 0.7087" (18.0mm) 1.220" (31.0mm) 1967-72 1200TT 2x2mm 1177cc, OHC, CR 9.2:1, 4 cyl 1.984" lx4mm OC Std bore 75mm (50.4mm) 3.118" JP0818 4R +0.382" (9.7mm) (79.2mm) 0.7087" (18.0mm) 1.221" (31.0mm) Prinz 1961-73 2x2mm 598cc, OHC, CR 7.5:1, 2 cyl 1.850" lx4mm P (46.7mm) 3.150″ Std bore 76mm JP0781 4F +0.138" (3.5mm) (80.0mm) -Do not fit chrome rings 0.7874" (20.0mm) $\sigma$ 1.181"

(30.0mm)







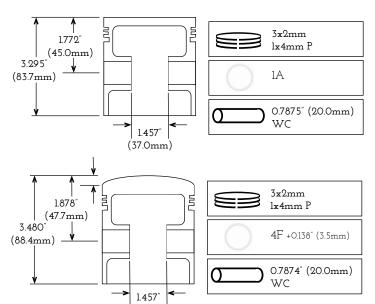
### NSU



501 T 494cc, SV, 1 cyl Std bore 80mm JP0837

601 T 592cc, SV, 1 cyl Std bore 87mm JP0863 1927-29

1930-39



(37.0mm)

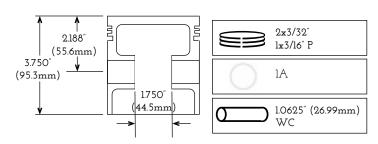


### Oakland

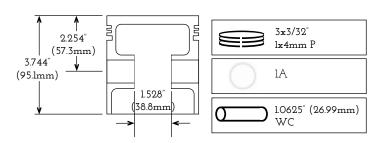


All American Model 212 212cui, SV, CR 6.4:1, 6 cyl Std bore 3 1/4" (82.55mm) JP0711

1927-28



Model 101, 301 251cui, OHV, CR 5:1, 8 cyl Std bore 3 7/16" (87.31mm) SP990310



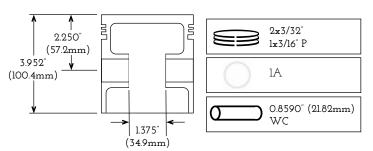
### Oldsmobile



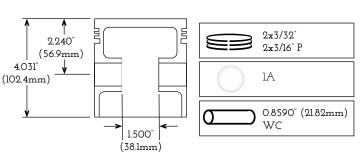
Model 30-E 185 cui, SV, 6 cyl Std bore 2 7/8" (73.03mm) JP0746 1926-27

1.870° (47.5mm) 1.813° (85.7mm) 1.313° (33.4mm) 2x3/32° 1x3/16° P

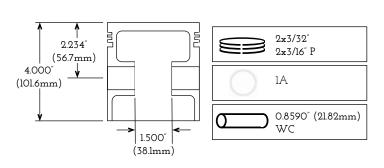
F Series 213 cui, SV, RBP, CR 6:1, 6 cyl Std bore 3 5/16" (84.1mm) JPO688 1932-35



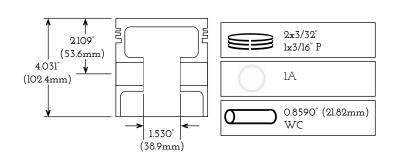
F Series 230 cui, SV, RBP, CR 6.1:1, 6 cyl Std bore 3 7/16" (87.3mm) JPO206 1937-40



Series 60, 90 Special Series 66 Special Series 60 Dynamic Series 60 238 cui, SV, CR 6.1:1, 6 cyl Std bore 3 1/2" (88.9mm) JP0207



Series 76 231 cui, SV, CR 6.5:1, 6 cyl Std bore 3 17/32" (89.7mm) JPO208

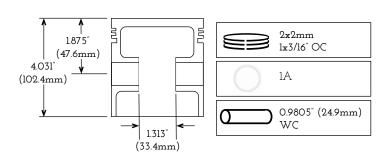




## Oldsmobile\_



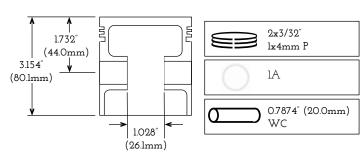
Series 88, 98, Super 88, Cyclone 324 cui, OHV, CR 8.5:1, 8 cyl Std bore 3 7/8" (98.4mm) JPO421



## Opel\_



11.3 HP 1.3l, Olympia, 1.1l, Cadet; 16.9 HP, 2l 40 1.1l 4 cyl; 2l 6cyl Std bore 67.5mm SP200222

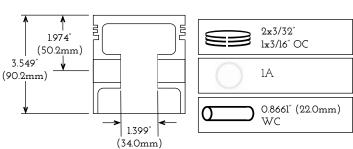


Olympia OL38 Olympia Rekord 1488cc, OHV, CR 6.9:1, 4 cyl Kapitän 2473cc, OHV, CR 6.9:1, 6 cyl Std bore 80mm JP0911

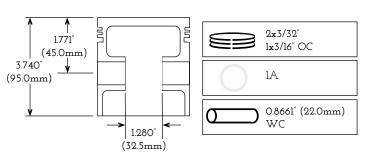
1937-40/1947-53 1953-57

1935-

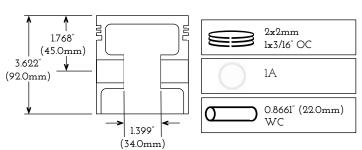
1938-40/1948-59



Rekord 1488cc, OHV, CR 7.25:1, 4 cyl Std bore 80mm JP1085 1958-60



Kapitän 2605cc, OHV, CR 8.2:1, 6 cyl Std bore 85mm JPO824



### Opperman\_

Unicar 328cc, 2 stroke, air cooled, CR 7.5:1, 2 cyl Std bore 58mm JPO801 1956-59

1926-31

2x3/32" AC SN

(26.2mm)

4F +0.063" (16mm)

0.866"

(22.0mm)

#### Overland

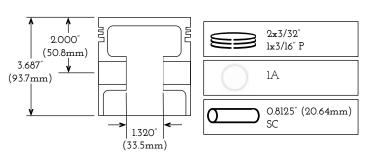
JP0140

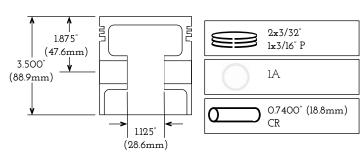


96 to Car 155457 Whippet SV, 4 cyl Std bore 3 1/8" (79.4mm) JP0139

98, 98A (6 cyl) 1928-31 96, 96A (4 cyl) after 155457 Whippet Std bore 3 1/8" (79.4mm)

Model 91, 92, Redbird, Blackbird, Bluebird 1924-28 153cui, SV, 4 cyl Std bore 3 1/2" (88.9mm) JPO670 2x3/32" (50.8mm) 3.687" (93.7mm) 1300" (33.0mm)





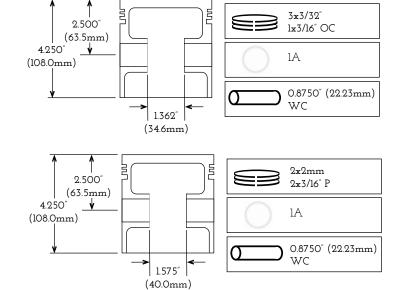


### Packard\_



Standard 8 1102 Series 383cui, SV, 8 cyl Std bore 3 3/16" (80.96mm) SP200054 1934

236, 243, 326, 333, 336, 343, 526, 533 1925-28 289cui, SV, 6 cyl 443, 640, 645, 740, 745, 840, 845, 903, 904, 904C, 1003, 1004, 1103, 1104, 1105, 1203, 1204, 1205, 1403, 1404, 1405 1928-35 385cui, SV, 8 cyl Std bore 3 1/2" (88.9mm) JP0912





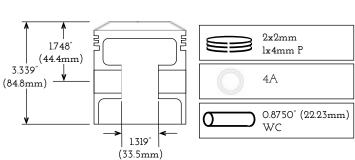
# P&M (Panther)



Panther 100, 100S, Redwing 598cc, OHV, 1 cyl Std bore 87mm JP0734

1932-63

120 645cc, 1 cyl Std bore SP200018



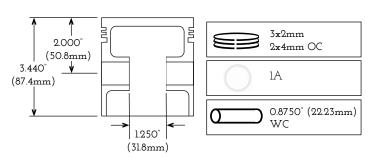


#### Peerless \_



GT Warwick GT 1991cc, OHV, CR 8.5:1, 4 cyl Std bore 83mm JPO376

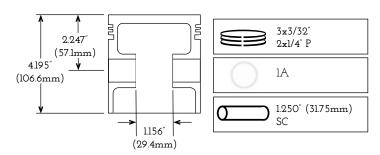
1958-60 1960-62



### Perkins \_\_\_\_\_



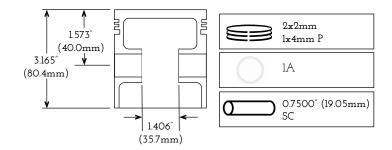
Python 3, Puma 4, Panther 6 Petrol 2.36L, 3.15L, 4.73L 3, 4, 6 cyl Std bore 3 1/2" (88.9mm) JPO209 1937-47



### Petter\_\_\_\_



A1, W1, Series II, 2LTA, 2AV, PA, PAW, PAV Series II 1, 2, 4 cyl Std bore 85mm JPO468





#### Peugeot\_ 201, 201C 1935-37 3x2mm 1100cc, 4 cyl 1.772" lx4mm P (45.0mm) Std bore 68mm 3.372" 1A JP0856 (85.7mm) 0.7087" (18.0mm) 1.000" (25.4mm) 203 1949-57 1290cc, OHV, CR 6.8:1, 4 cyl 2x2mm 1.890" lx4mm OC (48.0mm) 403/1300, 403/7 1961-64 3.313 1290cc, OHV, CR 7.4:1, 4 cyl (84.2mm) 4A Std bore 75mm JP0285 0.8661" (22.0mm) WC 1.190" (30.2mm) 403 1956-68 2x2mm404/8 1968-70 1.634" lx3/16" OC (41.5mm) 1468cc, OHV, CR 7:1, 4 cyl 3.071" 1A Std bore 80mm (78.0<sub>mm</sub>) JP0286 0.8661" (22.0mm) WC 1.310" (33.3mm) 403 1956-68 2x2mm1468cc, OHV, CR 8:1, 4 cyl 1.832" lx4mm OC (46.5mm) Std bore 81mm 3.270" 4K +0.197" (5.0mm) JPO532 (83.lmm) Racing 0.8661" (22.0mm) 1.313"

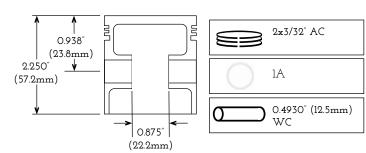
(33.4mm)



#### Pinnock\_



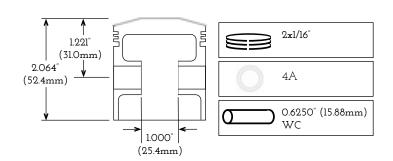
Mower 1 cyl Std bore 57mm JPO558



### Pioneer \_\_\_\_\_



1 cyl Std bore 2 1/4" (57.2mm) JP0701

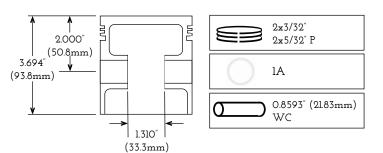


## Plymouth

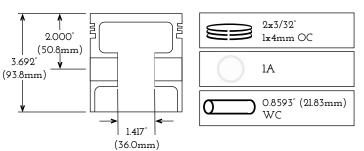


PC, PD, PE, PG, PJ, P1-P12 201 cui, SV, CR 5.5:1, 6 cyl Std bore 3 1/8" (79.4mm) JP1059

1933-41

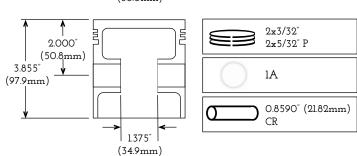


P Series (P14, P15, P17-P20, P22-P28) 212cui, SV, CR 5.2:1, 6 cyl Std bore 3 1/4" (82.55mm) JP1060 1942-57



P11, P11D, P12 (Export) 218 cui, SV, CR 5.4:1, 6 cyl Std bore 3 3/8" (85.7mm) JP1061

1941



#### Pontiac New Big Six Series 6-29, 2x3/32" Big Six Series 6-29 A 1929 2.136" lx3/16" P (54.3<sub>mm</sub>) Big Six Series 6-30B 1930 4.000" 1A (101.6mm) Fine Six Series 401 1931 200 cui, SV, CR 4.9:1, 6 cyl 1.0625" (26.99mm) Std bore 3 5/16" (84.1mm) JP0744 1.625" (41.3mm) Series 25-26 1937-40 2x3/32" 2.156" 223 cui, SV, CR 6.2:1, 6 cyl 2x3/16" P (54.8mm) Std bore 3 7/16" (87.3mm) 1A JP0230 (91.3mm) 0.9375" (23.8lmm) 1.630" (4l.4mm) Torpedo 6 1931-40 2x3/32" 2.156" 240 cui, OHV, CR 6.5:1, 6 cyl lx3/16" P (54.8mm) Std bore 3 9/16" (90.49mm) 3.594" 1A JPO231 (91.3mm) 0.9375" (23.8lmm) σ WC 1.630" (4l.4mm) V8 1960-66 2x2mm1.797" 283cui, OHV, CR 8.5:1, 8 cyl lx3/16" OC (45.6mm) Std bore 3 7/8" (98.4mm) lC IPO259 (96.4mm) 0.9270" (23.55mm) $\sigma$ 1.434" (36.4mm) V8 1956-58 2x2mm 347 cui, OHV, 8.5:1, 8 cyl 1.917" lx3/16" OC (48.7mm) Std bore 3 15/16" (100mm) 3.890" 2F -0.125" (3.2mm) JPO512 (98.8mm) 0.9800" (24.89mm) 1.438" (36.5mm)

Pope

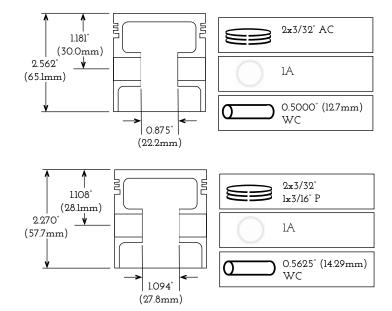


# Pope\_



125cc, 1 cyl Std bore 2 1/8" (54mm) JPO371 Only available in +020 or above

4 stroke 1 cyl Std bore 2 3/8" (60.3mm) JPO401

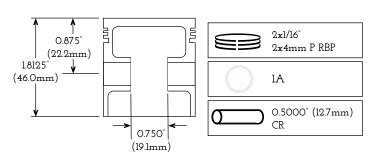




#### Reliant \_



Regal, 8cwt, Three wheeler van 747cc, SV, CR 5.7:1, 4 cyl Std bore 2.200" (55.9mm) JP0293 1952-59

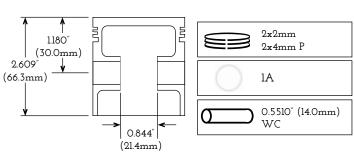


### Renault.

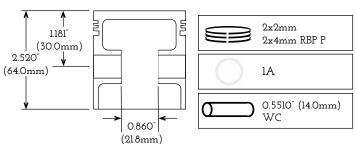


4CV, 750 (R1060/R1062) 748cc, OHV, CR 6:1, 4 cyl Std bore54.5mm JP0290

1950-60



Dauphine, 5CV, Ondine, Gordini, Floride, R4L, R6, Estafette 845cc, OHV, CR 7.25:1, 4 cyl Std bore 58mm JPO375

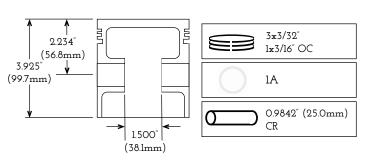


## Reo \_\_\_\_\_



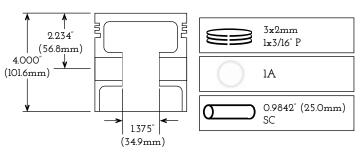
Flying Cloud A 268cui, SV, 6 cyl Std bore 3 1/4" (82.55mm) JPO689

1927-28



Flying Cloud, 2S, 3S, 4S, 5S 4396cc, SV, 6 cyl Royale N31, N35, 831, 835, 1N, 2N 5861cc, 8 cyl Std bore 3 3/8" (85.73mm) JPO747

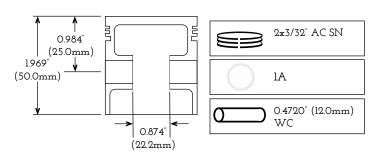
1928-36



### Reidel \_\_\_\_\_



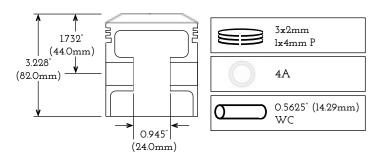
Imme R100 99cc, 2 stroke, 1 cyl Std bore 52mm JP0842 1948-50



### Riley\_\_\_\_



12/6 1458cc, OHV, 6 cyl Std bore 57mm JPO572 1935





## Riley

Elf Mk I 1961-63 850cc, OHV, CR 9:1, 4 cyl, A Series Std bore 2,477" (62.9mm)

JPO327





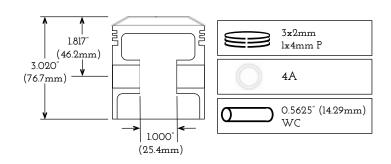
9 1926-29 1089cc, OHV, CR 5.2:1, 4 cyl 9 Kestrel, 9 Monaco 1929-35 1089cc, OHV, CR 5.5:1, 4 cyl 14/6 1929-34 Stelvio 1930-34 Alpine 1931-34

Std bore 2.374" (60.3mm) JP0596 Max oversize +020"

High compression version of JPO596 Std bore 2.374" (60.3mm) JPO878

Max oversize +020"

3x0.070" 1.498" lx4mm P (38.lmm) 2.717 1A (69.0mm) 0.6250" (15.88mm) 0.813" (20.7mm) 2x2mm1.653" lx4mm P (42.0mm) 2.863 4A  $(72.7 mm)^{-1}$ 0.5625" (14.29mm) 1.024" (26.0mm)



Elf Mk II, III 998cc, OHV, CR 8.3:1, 4 cyl, A Series Std bore 2.542" (64.57mm) JPO314





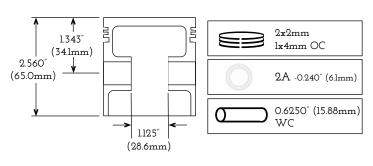
1963-69

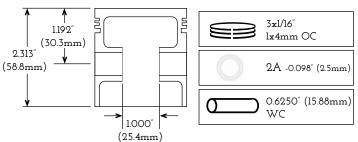
1966-68

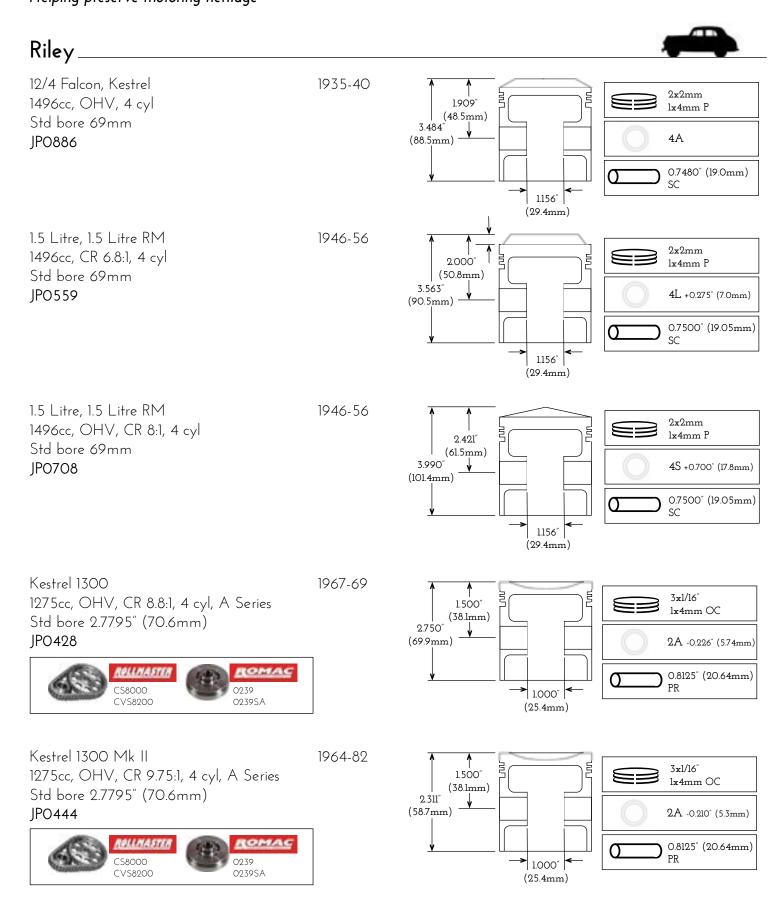
Kestrel 1098cc, OHV, CR 8.9:1, 4 cyl, A Series Std bore 2.542" (64.57mm) JP1073













# Riley



4/68, 1.5 1489cc, OHV, CR 8.3:1, 4 cyl Std bore 2 7/8" (73.03mm) JP0234





2.6, high comp 1957-60 2639cc, OHV, CR 9:1, 6 cyl Std bore 3 1/8" (79.4mm) JP1003

2.5 Litre 2443cc, OHV, CR 6.8:1, 4 cyl Std bore 80.5mm JP0374

2.5 Litre, high comp 2443cc, OHV, CR 7.25:1, 4 cyl Std bore 80.5mm IPO403

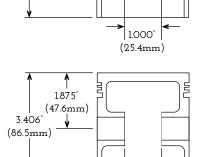
Pathfinder 2443cc, OHV, CR 7.25:1, 4 cyl Std bore 80.5mm JP0236

1946-54

1946-54

1953-57

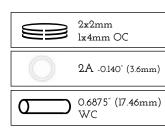
1958-65



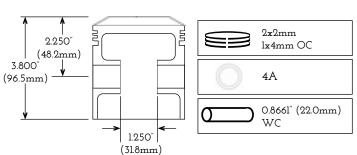
1.656"

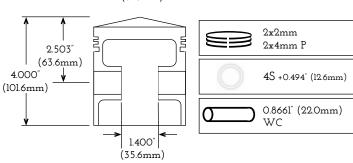
(42.lmm)

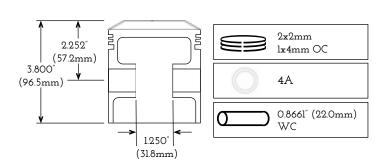
3.031" (77.0mm)



2x2mm lx3/16" OC lx3/16" P lΑ 0.8750" (22.23mm) 1.250" (31.8mm)



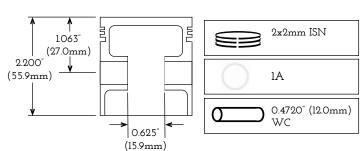




### Robin.



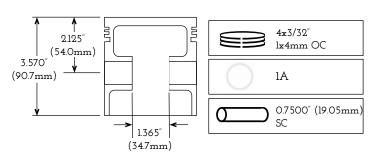
Stationary engine 1 cyl Std bore 50mm JP0653



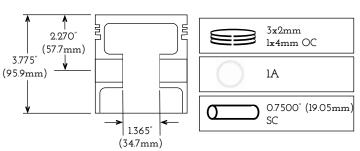
# Rolls Royce



20 HP 3103cc, OHV, 6 cyl Std bore 3" (76.2mm) JP0718 1922-29

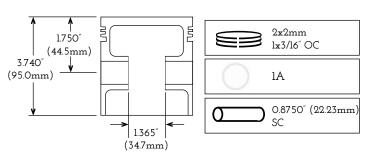


20/25 3669cc, CR 4.6:1, 6 cyl Std bore 3 1/4" (82.55mm) JPO435 1929-36

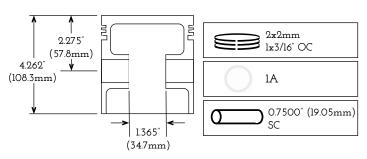


Phantom III 734Occ, SV, 12 cyl Std bore 3 1/4" (82.55mm) JPO899

1936-39



25/30 Silver Wraith Silver Dawn 4256cc, SV, CR 6.4:1, 6 cyl Std bore 3 1/2" (88.9mm) JPO263 1936-38 1946-51 1949-55





#### Rolls Royce \_ Silver Dawn, Silver Wraith 1951-55 1 2.275 2x2mm 4566cc, F Head, CR 6.4:1, 6 cyl 1x3/16" OC (57.8mm) Std bore 3 5/8" (92.1mm) 1.262" **v** (108.3mm) 1A JP0264 0.7500" (19.05mm) 1.365" (34.7mm) Silver Cloud, Silver Wraith 1955-59 1 2.280" 3x2mm4887cc, OHV, CR 6.8:1, 6 cyl lx3/16" OC (57.9mm) Std bore 3 3/4" (95.3mm) 4.150 JP0757 1A (105.4mm) 0.7500" (19.05mm) 1.365" (34.7mm) 6.75 Litre 1969-76 **↑** 1.878″ lx2mm Ch lx2mm CR 9:1, 8 cyl lx4.5mm OC (47.7mm) Std bore 4.100" (104.1mm) 3.432" lU JP1113 (87.2mm) 1.0000" (25.4mm) 1.365" (34.7mm) 6.75 Litre 1969-76 lx2mm Ch lx2mm 1.906" CR 9:1, 8 cyl lx4.5mm OC (48.4mm) Std bore 4.100" (104.1mm) 3.460 lU -0.170" (4.3mm) JP1112 (87.9mm) American Specification 1.0000" (25.4mm) 1.365" (34.7mm) Phantom 1927-32 3x0.078 2.625" 7668cc, SV, 6 cyl lx3/16" P (66.7mm) Std bore 4 1/4" (107.96mm) 4.125" 1A SP212013 (104.8mm) 1.0000" (25.4mm) $\sigma$ 1.925" (48.9mm)

R7



## Rolls Royce \_



Phantom 7668cc, SV, 6 cyl Std bore 4 1/4" (107.96mm) SP205085 1927-32

1939-35

(6. 4.504" (114.4mm) 4x3/32° lx3/16° OC 4S 10000° (25.4mm) SC

Phantom II 7670cc, SV, 6 cyl Std bore 4 1/4" (107.96mm) JP0902 Available in Std, +025" and +045" only

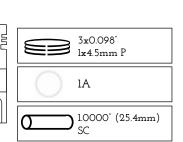
2.250" (57.2mm) 4.925" (125.1mm)

1.920" (48.8mm)

1.805" (45.9mm)

2.500"

(63.5mm)





#### Rover 1934-47 1.310" 2x2mm1389cc, OHV, 4 cyl lx5/32" P (33.3mm) Std bore 63mm 2.800" 1A (71.lmm) JP0223 0.5625" (14.29mm) WC 1.000" (25.4mm) 1939-47 2x2mm2.000" 1901cc, OHV, 6 cyl 2x5/32" P (50.8mm) Std bore 2 1.2" (63.5mm) 3.250" (82.6mm) 1A JPO412 0.6250" (15.88mm) 1.000" (25.4mm) 75, P3, P4 1948-54 2x0.070" 103cc, SV, CR 7.25:1, 6 cyl 2x4mm" P 2.531" Std bore 66.2mm (64.3mm) 3.770 JPO521 5C +0.510" (13.0mm) (95.8mm) Chrome rings must not be fitted 0.6875" (17.46mm) 1.125" (28.6mm) 1934-47 2x2mm 1.577" 1389cc, OHV, 4 cyl 2x4mm P (40.lmm) Std bore 66.5mm 2.915" 1A (74.0mm) JPO414 0.6250" (15.88mm) WC Q 1.188" (30.2mm) 16 1937-47 **^** 2.000" 2x2mm2147cc, OHV, 6 cyl 2x4mm P (50.8mm) Std bore 2.6575" (67.5mm) 3.250" 1A JP0385 (82.6mm) 0.6250" (15.88mm) σ 1.170" (29.7mm)

#### Rover 1934-47 2x2mm 1.578" 1496cc, 4 cyl lx4mm P (40.lmm) Std bore 69mm) 3.125 1A (79.4mm) JP0772 0.6250" (15.88mm) 1.188" (30.2mm) 90, 105 1954-59 2x0.070" 2638cc, CR 6.73:1, 6 cyl lx4mm" OC 2.470" Std bore 2 7/8" (73.03mm) (62.7mm) 3.720" 5C +0.510 (13.0mm) JPO522 (94.5mm) 0.6875" (17.46mm) WC 1.156" (29.4mm) 90, 105 1954-59 2x0.070" 2638cc, CR 6.73:1, 6 cyl lx4mm" OC 2.470" Std bore 2 7/8" (73.03mm) (62.7mm) 3.720 5C +0.500 (13.0mm) JPO522A (94.5mm) 0.8750" (22.23mm) 1.156" (29.4mm) P6, 2000TC 1966-73 2x2mm1980cc, OHC, CR 10:1, 4 cyl 2.228" lx3/16" OC (56.6mm) Std bore 3 3/8: (85.8mm) 3.500" 3F -0.760" (19.3mm) JP0586 (88.9mm) 1.0000" (25.4mm) 1.438" (36.5mm) 3500, P6, Range Rover 1968-77 2x2mm1.853" 3528cc, OHV, CR 8.25:1, 8 cyl lx3/16" OC (47.lmm) Std bore 3 1/2" (88.9mm) 2.930" 2F -0.160" (4.lmm) (74.4mm) Recommended max oversize +030" 0.8750" (22.23mm) ROLLMASTER 1.250" (31.8mm)





#### Rover\_



3500, P6, Range Rover 3528cc, OHV, CR 10.5:1, 8 cyl Std bore 3 1/2" (88.9mm) JPO690

Recommended max oversize +030"



SD1 3528cc, OHV, CR 9.35:1, 8 cyl Std bore 3 1/2" (88.9mm)

JP0679



4.2 Litre Stroker 3528cc, OHV, 8 cyl Std bore 3 1/2" (88.9mm) JP0736

Recommended max oversize +030"

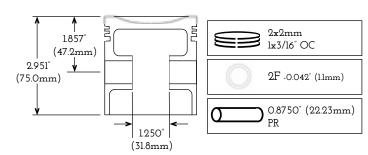


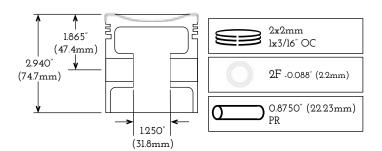
80 2286cc, OHV, CR 7:1, 4 cyl Std bore 3.562" (90.475mm) JPO394

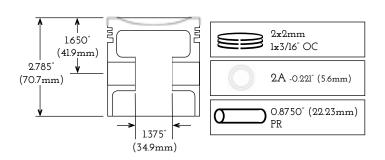
P6, 2200 TC, 2200SC 2205cc, OHC, CR 9:1, 4 cyl Std bore 3 9/16" (90.5mm) JP0423 1960-62

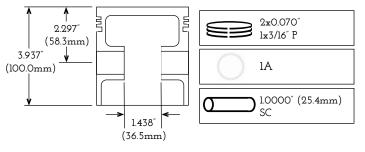
1968-77

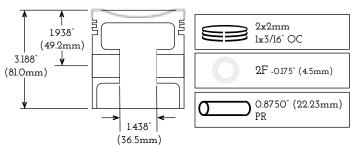
1968-86











1949-57

1941-54

1952-62

1959-60

1960-63

Royal Enfield



250 Clipper 248cc, OHV, CR 6.5:1, 1 cyl 500 Twin 496cc, OHV, CR 6.5:1, 2 cyl Std bore 64mm SP216018

WD/G 346cc, OHV, 1 cyl Std bore 69.9mm JP0882

JP0880

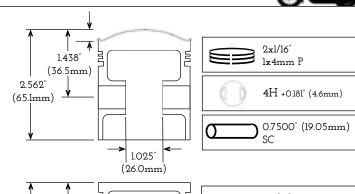
JP0895

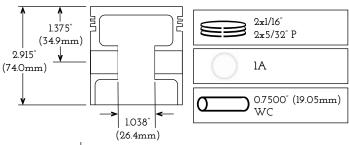
350 Bullett 1959-60

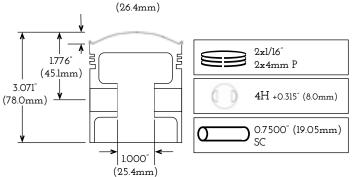
346cc, OHV, CR 8:1, 1 cyl Meteor 700, Super Meteor, Constellation 692cc, OHV, CR 8:1, 2 cyl Std bore 69.9mm

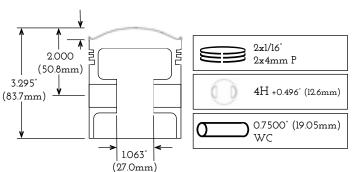
Meteor Minor 496cc, OHV, CR 8.5:1, 2 cyl Meteor Minor 496cc, OHV, CR 8:1, 2 cyl Std bore 69.974mm

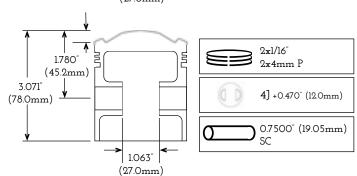
Crusader 250, Crusader Sports,
Crusader Super 5, Clipper, Continental,
Continental GT, Olympic 1956-68
248cc, OHV, CR 9:1, 1 cyl
Std bore 70mm
JP0672



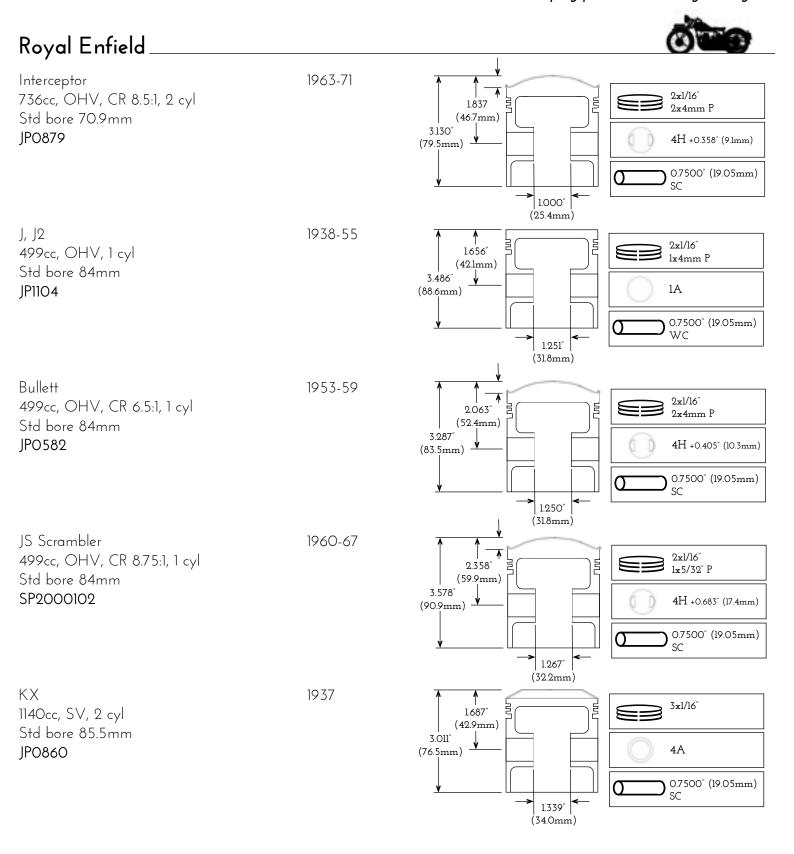














## Saab



99 1709cc, OHC, CR 8.8:1, 4 cyl Std bore 83.5mm JP0909

1968-71

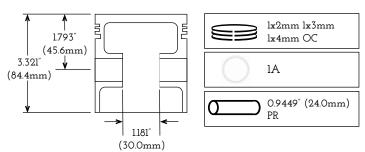
1.343° (34.lmm)
2.542° (64.6mm)

2.540° (7.lmm)

0.8750° (22.23mm)

SC

Sonett V4, Sonett III, 95, 96 1498cc, OHV, 4 cyl Std bore 90mm JP0910 1967-74





#### Salmson 2300S 1953-56 1.850" 3x2mm 4 cyl lx4mm P (47.0mm) Std bore 84mm 3.701" 1A SP214O22 (94.0mm) 0.9448" (24.0mm) 1.299" (33.0mm) 12/55 S4C 1932-34 2x2mm 1465cc, OHC, 4 cyl lx4mm P 1.870" Std bore 69mm (47.5mm) 3.386" 4F +0.374" (9.5mm) SP208025 (86.0mm) <u>\\ \\ \\ \\ \\ \</u> 0.8661" (22.0mm) WC 1.024" (26.0mm) 12/55 S4C high comp 1932-34 2x2mm 1465cc, OHC, 4 cyl lx4mm P 1.988" (50.5mm) Std bore 69mm 3.759" 4H +0.374" (9.5mm) SP208053 (95.5mm) 0.8661" (22.0mm) 0.944

(24.0mm)



### Simca



Vedette V8, F52A; Beaulieu Series 2353cc, SV, RBP, CR 7.2:1, 8 cyl Std bore 2.600" (66.04mm) JP0265 1955-57

1.453° (36.9mm) (68.3mm) (32.3mm)

2x3/32"
lx4mm OC

1A

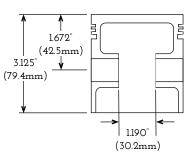
0.6875" (17.46mm)

Aronde, 1200, 1.2 Litre 1221cc, OHV, RBP, CR6.7:1, 4 cyl Std bore 72mm JP0378

1952-54

3.228" (42.0mm) (82.0mm) 1.025" (26.0mm) 2x2mm 2x4mm P 1A

1300 Elysee, Flash 1290cc, OHV, CR 6.8:1, 4 cyl Std bore 74mm JPO377 1956-65

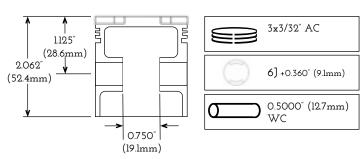


2x2mm lx4mm P

## Simplex\_



85cc, 1 cyl Std bore 1 7/8" (74.6mm) JPO373



#### Singer\_ Junior 1929-32 2x2mm848cc, SV, 4 cyl 1.188" lx1/8" P (30.2mm) Std bore 56mm 2.670 lΑ JPO415 (67.8mm) 0.5625" (l4.3mm) O.875" (22.2mm) Bantam, Le Mans, Junior Special 1932-37 2x2mm972cc, 4 cyl 1.190" lx4mm P (30.2mm) 14 2.637 1A 1612cc, 6 cyl (67.8mm) Std bore 60mm 0.5625" (14.3mm) JP0671 1.000" (25.4mm) Bantam, Roadster, Series 4A, 4AB 1938-52 2x2mm 1074cc, OHC, 4 cyl 1.348" 2x4mm P (34.2mm) Std bore 60mm 2.600" lΑ (66.0mm) JPO221 0.5625" (l4.3mm) 0.940" (23.9mm) Super Ten 1938-49 2x2mm1193cc, CR 7:1, 4 cyl 1.299" lx4mm P (33.0<sub>mm</sub>) Std bore 2.490" (63.25mm) 2.674" 1A JP0222 (67.9mm) 0.5625" (14.3mm)

**S4** 

0.969" | (24.6mm)

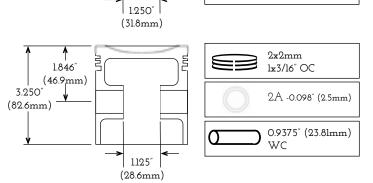


## Singer\_



SM 1500 Roadster, Series 4AD, SMX, Hunter, Hunter S, Gazelle I & II 1506cc, OHC, CR 7:1, 4 cyl Std bore 73mm JP0224	1951-56 1954-58	(43.8mm) (79.8mm) (31.41° (79.8mm) (31.8mm)	2x2mm lx4mm OC  1A  0.6250" (15.88mm) WC
Gazelle Series IIA 1494cc, OHV, CR 8.5:1, 4 cyl Std bore 79mm JP1025 Recommended max. oversize +040"	1958	1.8504" (47.0mm) 3.250" (82.6mm)	2x2mm lx3/l6" OC lx3/l6" P

Gazelle IIIC-V, Vogue
1961-65
1592cc, OHV, CR 8.3:1, 4 cyl
Std bore 81.5mm
JP1075
Recommended max. oversize +040"



#### Skoda 1200, 1201, 445 1952-59 1.575" 2x2mm1221cc, OHV, CR 7.2:1, 4 cyl lx4mm P (40.0mm) Std bore 72mm 2A -0.230" (5.8mm) (78.0mm) -JPO402 0.7087" (18.0mm) 1.000" (25.4mm) Standard Flying Eight 1939-41 2x2mm 1021cc, CR 6.7:1, 4 cyl 1.500" 2x4mm P (38.lmm) Std bore 57mm 2.875 1A (73.0mm) JP0241 0.6250" (15.88mm) $\sigma$ WC 1.031" (26.2mm) Flying Eight 1945-48 2x1/16" 1009cc, OHV, CR 6.7:1, 4 cyl 1.500" lx4mm P (38.lmm) Std bore 57mm 2.875 1A JP0304 (73.0mm) 0.6250" (15.88mm) WC 1.031" (26.2mm) Eight, Gold Star Power Plus 1954-59 2x2mm 8 H.P., 803cc, OHV, RBP, CR 8.25:1, 4 cyl 1.500" lx4mm P (38.lmm) Std bore 58mm 2.594 1A IPO246 (65.9mm) Recommended max. oversize +040" 0.6250" (15.88mm) 1.000" (25.4mm) Nine 1933 2x2mm1006cc, SV, 4 cyl 1.375" 2x4mm P (34.9<sub>mm</sub>) Little Nine 1934-36 2.750 1A 1052cc, SV, 4 cyl (69.9mm) Big 12 1933

1497cc, SV, 6 cyl Std bore 60mm

JP0776

0.6250" (15.88mm)

1.031" | (26.2mm)



#### Standard 10 Pennant 1955-59 2x2mm 1.500" 948cc, OHV, CR 8:1, 4 cyl lx4mm P (38.lmm) Std bore 63mm 2.625" (66.7mm) 1A JP0247 0.6250" (15.88mm) 1.000" (25.4mm) Flying 10 1937-39 2x2mm1267cc, OHV, CR 6.5:1, 4 cyl 1.500" 2x5/32" P (38.lmm) Std bore 2 1/2" (63.5mm) 2.875 lΑ JP0242 (73.0mm) 0.7500" (19.05mm) 1.125" (28.6mm) 16/6 1935-36 1.550" 3x2mm 2143cc, SV, 6 cyl lx5/32" P (39.4mm) Std bore 2.578" (65.6mm) 2.935 1A JPO323 (74.6mm) 0.7500" (19.05mm) 1.125" (28.6mm) V31923-27 2x2mm 1307cc, OHV, 4 cyl 1.438" lx4mm P (36.5<sub>mm</sub>) Std bore 2 11/16" (68.3mm) 2.813 1A IPO573 (71.5mm) 0.5000" (12.7mm) $\sigma$ 1.063" (27.0mm) 12/4 1934-35 2x2mm 1608cc, SV, CR 5.5:1, 4 cyl 1.547" lx4mm P (39.3<sub>mm</sub>) Std bore 69.5mm 3.109" 1A JP0774 (78.0mm) 0.6250" (15.88mm) 1.088" (27.6mm)



#### Standard Flying Twelve 1937-40 1.790" 2x2mm1608cc, SV, 4cyl lx4mm P (45.5mm) SP208018 3.229" 1A (82.0mm) 0.7500" (19.05mm) $\sigma$ 1.235" (31.4mm) Vanguard 6 1961-64 2x2mm1.500" 1998cc, OHV, CR 8:1, 6 cyl lx4mm OC (38.lmm) Std bore 74.7mm 2.992 1A (76.0mm) JP0269 0.8125" (20.64mm) 1.000" (25.4mm) Flying 14 1937-40/45-48 2x2mm 1776cc, SV, CR 6.5:1, 4 cyl 1.799" lx4mm OC 1.799° (45.7<sub>mm</sub>) 3.250″ Flying 20 1936-40 1A 2664cc, SV, CR 6.5:1, 6 cyl (82.6mm) Std bore 2 7/8" (73.24mm) 0.7500" (19.05mm) JP0228 1.313" (33.4mm) Light Twenty, Flying Twenty 1935-39 2x2mm 2633cc, SV, 6 cyl 1.547 lx4mm OC (39.3<sub>mm</sub>) Std bore 2 7/8" (73.24mm) 2.986 1A SP079721 (75.9<sub>mm</sub>) 0.7500" (19.05mm) 1.240" (31.5mm) Vanguard Phase I 1948-52 3x2mm2.004" Vanguard Phase II 1953-55 lx4mm OC (50.9mm) Vanguard Phase III 1956-58 3.440 1A 2088cc, OHV, CR 1:1, 4 cyl (87.4mm) Std bore 85mm 0.8750" (22.23mm) JP0245 1.380" (35.lmm)

**J**anuary 2025



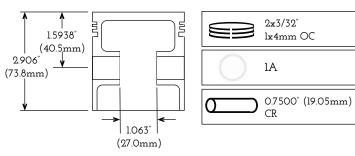
# Helping preserve motoring heritage Studebaker\_

1938-50

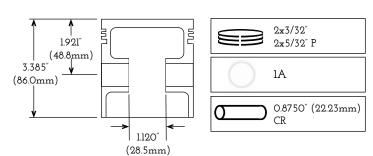
1925-27

1928-30

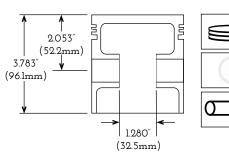
Champion, Champion Series 2G & 3G	1939-41	
170cui, SV, 6 cyl		
Champion Series 4G	1942	2
Skyway Champion Model 5G	1946	(73
Champion Model 6G-16G	1947-55	
Champion and Flight Hawk,		
Series 56G-58G	1956-60	
186cui, SV, CR 8:1, 6 cyl		
Std bore 3" (76.2mm)		

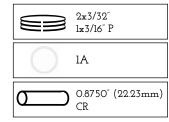


EM Series 23 (after 160009),	
Series 24 Light 6	1923-24
207cui, SV, 6 cyl	
Std bore 3 1/8" (79.38mm)	
SP210013	



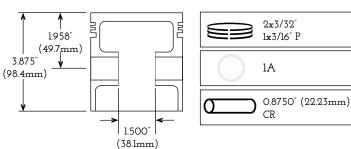
Commander 6	
226 cui, SV, CR 6.5:1, 6 cyl	
Std bore 3 5/16" (84.1mm)	
JPO261	



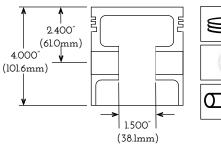


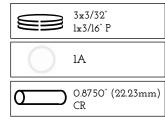
Standard Six, Dictator
3973cc, SV, 6 cyl
Std bore 3 3/8" (85.7mm)
JP0667

JP0260



Dictator 6, Series GE	
242 cui, SV, CR 4.4:1, 6 cyl	
Std bore 3 3/8" (85.7mm)	
JPO677	







## Studebaker\_



Commander, Power Hawk, Silver Hawk 259cui, OHV, CR 7.8:1, 8 cyl Std bore 3 9/16" (90.5mm) JP0709 1956-65

2x2mm 1x3/16° OC

1A

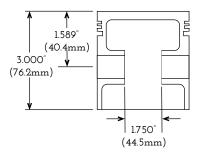
0.8750° (22.23mm)

CR

(50.8mm)

President, Sky Hawk Series 56H, 57B, 58H, 60V, 61V, 62V, 63V, 64V 289 cui, OHV, CR 7.8:1, 8 cyl Std bore 3 9/16" (90.5mm) JP0716

1956-65



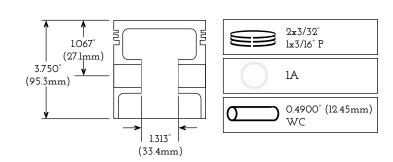
2x2mm lx3/16" OC 2F -0.250" (6.4mm)

0.8750" (22.23mm)

## Suffolk



G75 Mower 1 cyl Std bore 2" (50.8mm) JPO556





#### Sunbeam Rapier I 1955-58 2x2mm 1390cc, OHV, CR 8:1, 4 cyl 1.850" lx4mm OC (47.0<sub>mm</sub>) Std bore 3"(76.2mm) 3.250 (82.6mm) JP1019 0.8750" (22.23mm) 1.228" (31.2mm) Rapier II 1959-61 2x2mm 1.8504" 1494cc, OHV, CR 8.5:1, 4 cyl 2x3/16" P (47.0<sub>mm</sub>) Std bore 79mm 3.250 1A JP1026 (82.6mm) 0.8750" (22.23mm) 1.250" (31.8mm) Alpine Mark IIA, III 1953-55 2.008" 2x3/32" 2267cc, OHV, CR 7:5, 4 cyl 2x3/16" P (51.0mm) Std bore 81mm 3.656" (92.9mm) JP1022 1A -0.9450" (24.0mm) 1.220" (31.0mm) Alpine Series II, III, IV 1961-63 2x2mm Rapier IIIA, IV 1961-63 1.850" lx4mm OC (47.0<sub>mm</sub>) 1592cc, OHV, 8:1, 4 cyl 2.850 1A Alpine Series V; Rapier V (72.4mm) 1965-68 1725cc, OHV, CR 9.2:1, 4 cyl 0.9375" (23.8lmm) $\sigma$ Std bore 81.5mm WC IP1030 1.350" (34.3mm) Recommended max. oversize +040" Rapier, Alpine Series II, III 1961-65 1.846" 2x2mm1592cc, OHV, CR 8.3:1, 4 cyl lx3/16" OC (46.9mm) Std bore 81.5mm 3.250 2A -0.098" (2.5mm) (82.6mm) JP1027 Recommended max. oversize +040" 0.9375" (23.8lmm) σ 1.125" (28.6mm)



### Sunbeam\_



Rapier IIIA, IV, Alpine Series I & II 1494cc, OHV, CR 9.3:1, 4 cyl Std bore 81.5mm JP1078

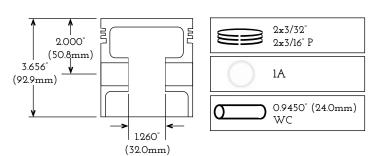
1962-65

1936-51

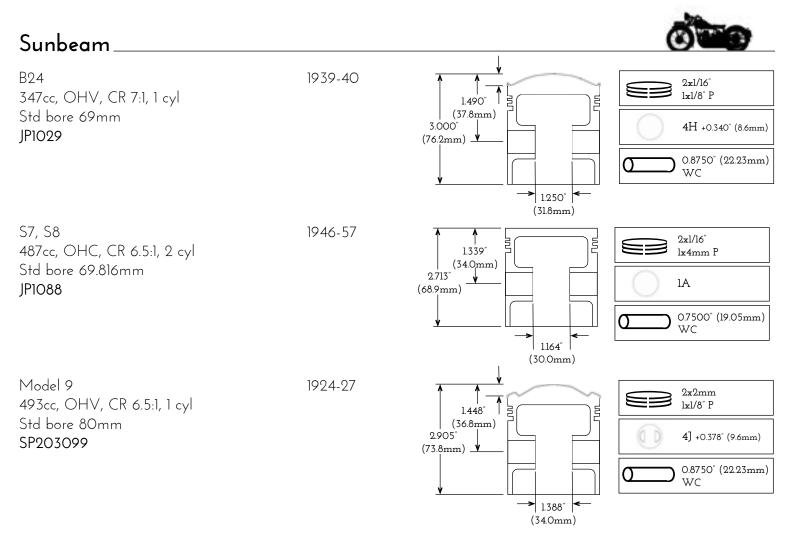
Recommended max. oversize +040"

2x2mm..046" | (46.9mm) 3.250" 1.846" 1x3/16" OC (82.6mm) <u>v</u> 0.9375" (23.8lmm)  $\sigma$ 1.125" (28.6mm)

B, Y 4086cc, SV, 6 cyl Std bore 85mm JP1023 Chrome rings must not be fitted





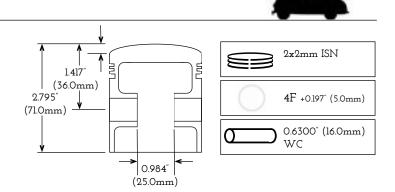




## Suzuki

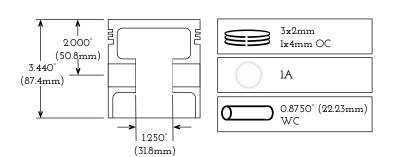
LJ20 Jimny 539cc, 2 cyl Std bore 61mm SP981019

1972-75



### Swallow\_

Doretti 1991cc, OHV, CR 8.5:1, 4 cyl Std bore 83mm JPO513 1953-55



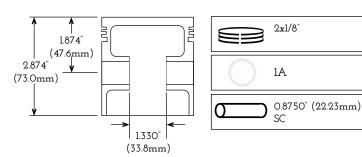


#### Talbot\_ 14/45 AD, AF, AG, AQ, AU65, AX65 1926-35 2x2mm1.250" 1665cc, OHV, 6 cyl lx4mm P (31.8mm) Std bore 61mm 2.250 1A (57.2mm) JP0341 0.6299" (l6.0mm) CR 0.938" (23.8mm) 10 BE 1936-48 2x2mm 1185cc, SV, CR 6.8:1, 4 cyl 1.531" 2x4mmP(38.9<sub>mm</sub>) Std bore 63mm 2.947 lΑ JP1040 (74.9mm) 0.6300" (16.0mm) 0.875" (22.2mm) 90 1930-37 2x2mm 75, AM75, AW75, BA75, BB75 1.250" 1931-37 lx4mm P (31.8mm) 2276cc, OHV, 6 cyl 2.813 1A Std bore 69.5mm (71.5mm) IP0707 0.7500" (19.05mm) 1.063" (27.0mm) 90 Mk I 1948-50 2x3/32" 1944cc, SV, CR 6.6:1, 4 cyl 2.008" lx3/16" P (51.0mm) Std bore 75mm 3.587 (91.lmm) JP1044 1A -0.9450" (24.0mm) 1.250" (31.8mm) 1938-40 4 Litre 2x3/32" 2.000" 4086cc, SV, 6 cyl 2x3/16" P (50.8mm) Std bore 85mm 3.656" lΑ JP1023 (92.9mm) Chrome rings must not be fitted 0.9450" (24.0mm) 1.260" (32.0mm)

## Terry \_\_\_\_



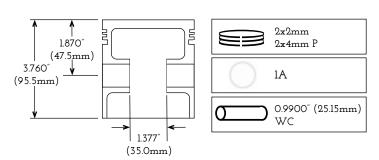
VS Compressor 1 cyl Std bore 2 3/4" (69.9mm) JP0782



## Toyota



Land Cruiser J40 3878cc, OHV, CR 6.8:1, 6 cyl, F engine Std bore 90mm SP240025 1960-84



## Triumph\_



Super 7 Super 8 832cc, SV, 4 cyl Std bore 56.5mm JP0603 1927-33 1933-34 2.240" (24.8mm) (56.9mm) O.825" (21.0mm)

1.563"

(39.7<sub>mm</sub>)

2.840

(72.lmm)

2x2mm 2x4mm P

0.5215" (13.25mm)

Southern Cross 1122cc, IOSE, 4 cyl Std bore 63mm JPO577 1932-33

2x2mm lx4mm P

1A

0.6250" (15.88mm) WC

Herald Herald S 948cc, OHV, CR 8:1, 4 cyl Std bore 63mm JPO268 1959-61 1961-64 2.600" (38.lmm) (66.0mm) l.000" (25.4mm)

1.025" (26.0mm)

2x2mm lx4mm P

1A

0.6250" (15.88mm) WC



#### Triumph. Mayflower 1949-53 2x2mm 1247cc, SV, CR 6.8:1, 4 cyl 1.500" 2x4mm P (38.lmm) Std bore 63mm 2.875" 1A (73.0mm) JP0350 0.7500" (19.05mm) 1.063" (27.0mm) Gloria 16/6, Gloria 16/6 Sports 1935 2x2mm1.373" 1938 Dolomite 16 lx4mm P (34.9mm) 1991cc, OISE, 6 cyl 2.840" 1A Std bore 65mm (72.lmm) JP0607 0.7500" (19.05mm) 1.093" (27.8mm) Gloria 1934-37 **1**.572" 3x2mm 1232c, OISE, 4 cyl lx4mm P (39.9mm) Std bore 66mm 2.900" 1A (73.7mm) JP0322 0.6250" (15.88mm) σ 1.000" (25.4mm) Vitesse 1962-66 2x2mm 1596cc, OHV, CR 8.75:1, 6 cyl 1.494" lx4mm OC (38.0mm) Std bore 66.5mm 2.900 (73.7mm) 1A IPO422 0.8125" (20.64mm) $\sigma$ 1.125" (28.6mm) Herald 1200 1961-67 2x2mm1147cc, OHV, CR 8:1, 4 cyl lx4mm OC 1.516" (38.5mm) Herald 12/50 1963-67 2.935" 1A 1147cc, OHV, CR 8.5:1, 4 cyl (74.6mm) Spiffire | & 11 1962-67 0.8125" (20.64mm) 1147cc, OHV, CR 9:1, 4 cyl Std bore 69.3mm 1.031" (26.2mm) JP0481A

#### Triumph Herald 1200 1961-67 2x2mm 1147cc, OHV, CR 8:1, 4 cyl 1.514" lx5/32" OC (38.5mm) Herald 12/50 1963-67 2.935 1A (74.6mm) 1147cc, OHV, CR 8.5:1, 4 cyl Spiffire 1 & 11 1962-67 0.8125" (20.64mm) 1147cc, OHV, CR 9:1, 4 cyl 1.078 Std bore 69.3mm (27.4mm) JPO481 1800, 18T, 18TR 1946-48 2x2mm 1776cc, OHV, CR 6.7:1, 4 cyl 1.799" lx4mm OC (45.7mm) Std bore 2 7/8" (73.24mm) 3.250 1A JP1018 (82.6mm) 0.7500" (19.05mm) σ 1.313" (33.4mm) 1300 1965-70 2x1/16" Herald 13/60 1967-71 1.506 lx4mm OC (38.3mm) 1296cc, OHV, CR 6.8:1, 4 cyl 2.625 2A - 0.195" (5.0mm)Std bore 2.8995" (73.64mm) (66.7mm) JP0249 0.8125" (20.64mm) 1.000" (25.4mm) 1300 1965-70 2x1/16" 1300TC 1967-70 1.516" lx4mm OC (38.5mm) Herald 13/60 1967-71 2.637 lΑ Spitfire III & IV 1967-74 (67.0mm) Toledo 1970-76 0.8125" (20.64mm) Dolomite (from eng. RD19477) 1972-76 1296cc, OHV, CR 9:1, 4 cyl 1.000" (25.4mm) Std bore 2.8995" (73.64mm) JP0249A 1500, 1500HL 1500TC 1970-76 2x1/16" Spitfire 1500 1974-80 1.287 lx4mm OC (32.7mm) Dolomite (to eng. RD19477) 1970-72 2.287 1A 1493cc, OHV, CR 8.5:1, 4 cyl (58.lmm) 1500, 1500TC, Spiffire 1500 1975-83 0.8125" (20.64mm) 1493cc, OHV, CR 9:1, 4 cyl Std bore 2.8995" (73.64mm) 1.000" (25.4mm) JPO587

| 4



1.380" | (35.lmm)

#### Triumph\_ Vanguard Six, E30/1 1961-64 2x2mm 2000 MkI&II, Vitesse, GT6 1.500" lx4mm OC (uo to engine no. 50000) 1964-71 (38.lmm) 2.992 1A 1998cc, OHV, CR 8:1, 6 cyl (76.0mm) Std bore 2.9405" (74.7mm) 0.8125" (20.64mm) JP0243 1.000" (25.4mm) 2000 Mk II, from Eng. 50001; 2x2mm GT6 MkIII from eng. 10001 1970-75 1.804" lx4mm OC 1998cc, OHV, CR 8.85:1, 6 cyl (45.5mm) 2.992 4P +0.300" (7.6mm) Std bore 2.9405" (74.7mm) (76.0mm) <u>v</u> JPO243A 0.8125" (20.64mm) 1.078" (27.4mm) 2500 Pl, TR5, TR250, TR6, 2x1/16" 2500S, 2500TC 1967-78 1.143" 1x5/32" OC (29.0<sub>mm</sub>) 2498cc, OHV, CR 9.5:1, 6 cyl 2.440 Std bore 2.9405" (74.7mm) lΑ (61.0mm) **IPO723** 0.8125" (20.64mm) Recommended max. oversize +040" 1.094" (27.8mm) TR2, TR3, TR3A 1953-61 2x2mm1991cc, OHV, CR 8.5:1, 4 cyl 2.000" lx4mm OC 2.000" | (50.8mm) 3.440" Std bore 83mm 1A JP0376 (87.4mm) 0.8750" (22.23mm) 1.250" (31.8mm) 1800, 2000 Renown 1948-55 3x2mm2.004" 2088cc, OHV, CR 6.7:1, 4 cyl 2.004" | (50.9mm) 3.440" lx4mm OC Std bore 85mm 1A (87.4mm) JP0267 0.8750" (22.23mm)

# Helping preserve motoring heritage

## Triumph\_



Stag V8 to eng. no. 20000 2997cc, OHC, CR 8.8:1, 8 cyl Std bore 85.987mm IP0907 Max. oversize +040"

1970-73

1.610" (40.9mm) 2.690" (68.3mm) 1.103" (28.0mm)

1.724"

(43.8mm)

2.000"

(50.8mm)

(87.4mm)

2.800"

(71.lmm)

2x2mmlx4mm OC 2F -0.040" (1.0mm) 0.8750" (22.23mm)

Stag V8 from eng. no. 20001E 2997cc, OHC, CR 9.25:1, 8 cyl Std bore 85.987mm JP0908 Max. oversize +040"

1973-77

2x2mm lx4mm OC 2Q -0.040" (l.0mm) 0.8750" (22.23mm) σ

TR3B, TR4, TR4A 2138cc, OHV, CR 9:1, 4 cyl Std bore 86mm JP0717

1961-67

2.000" (50.8mm) 3.440" (87.4mm) 1.219" (31.0mm)

1.083" (27.5mm)

> 3x1/16" lx4mm OC 1A

> > 0.8750" (22.23mm)

TR2, TR3, TR3A 1953-61 1991cc o/bored to 2188cc, OHV, CR 9.24:1, 4 cyl Std bore 87mm IPO392

2x1/16" lx4mm OC 1A

Recommended max. oversize +040"

0.8750" (22.23mm)  $\sigma$ 1.334"

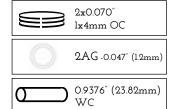
σ

TR7 (European Version) 1975-82 1998cc, OHV, CR 9.25:1, 4 cyl Std bore 90.287mm JP0918

1.343" (34.lmm) 2.756" (70.0mm) 1.103"

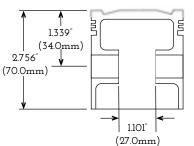
(33.9mm)

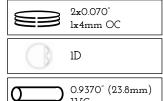
(28.0mm)



Dolomite Sprint 1998cc, OHV, CR 9.5:1, 4 cyl Std bore 90.287mm IPO932

1973-80







### Turner\_

JP0499



2x2mm lx4mm P

0.6250" (15.88mm)

lΑ

950, 950 II, 950 Alexander 948cc, OHV, CR 8.3:1, 4 cyl Std bore 63mm JP0110 1958-63

1959-63

2x0.070° 1x5/32° P

2x0.070° 1x5/32° P

2A -0140° (3.56mm)

0.820°

(20.8mm)

O.875"

(22.2mm)

1.350"

(34.3mm)

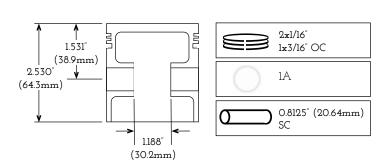
2.595

(65.9mm)

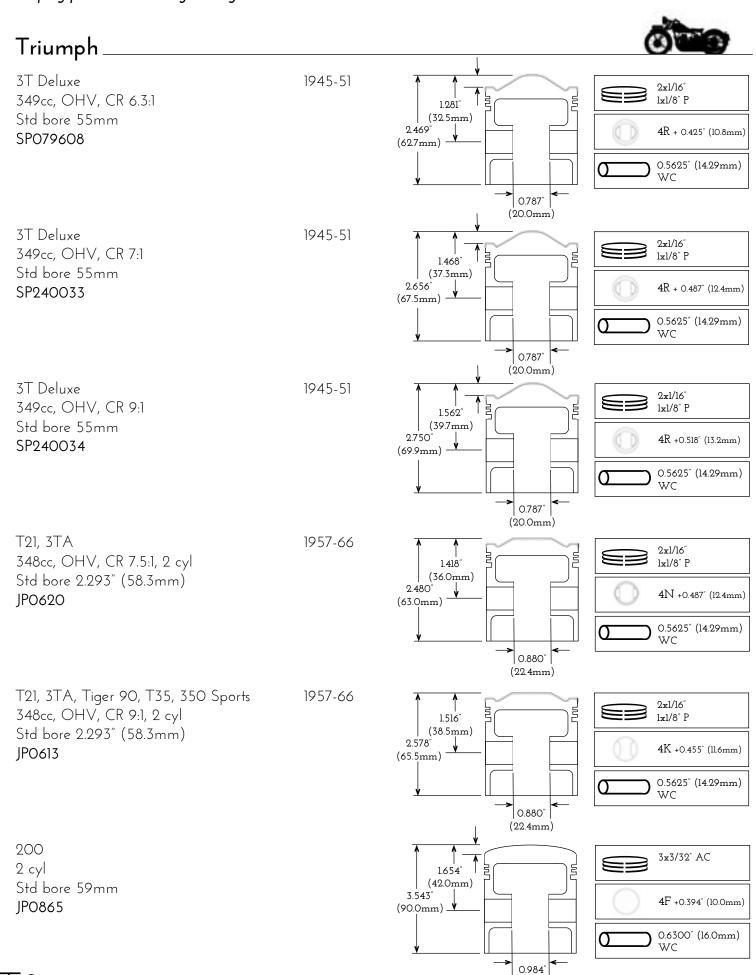
SPR60 948cc, OHV, CR 9.4, 4 cyl Std bore 63mm JPO400



GT 1962-63 1499cc, OHV, CR 9:1, 4 cyl Std bore 3.1875" (80.95mm)



 $\sigma$ 



8

(25.0mm)



## Triumph.



1.438" (36.5mm) (69.9mm) 1.1118" (28.4mm)

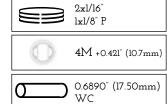
2xl/16" lxl/8" P

4N +0.205" (5.2mm)

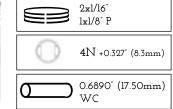
0.6890" (17.50mm)

Tiger 100, Trophy TR5,
Speed Twin 5T, Grand Prix
1938-54
498cc, OHV, 2 cyl
Std bore 63mm
JP0793

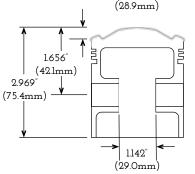
1.575° (40.0mm) 2.894° (73.5mm) lille (28.4mm)

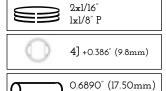


Speed Twin, Tiger 100, Trophy TR5, Grand Prix 1938-59 498cc, OHV, CR 8:1, 2 cyl Std bore 63mm JP0799 1493" (37.9mm) (710mm) 1138" (28.9mm)

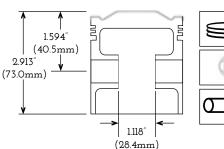


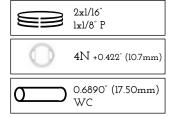
Tiger 100, Speed Twin 5T, Trophy TR5,
Grand Prix
1938-59
498cc, OHV, CR 8.6:1, 2 cyl
Std bore 63mm
JP0923





Tiger 100, Trophy TR5, Speed Twin 5T,
Grand Prix
1955-59
498cc, OHV, CR 9:1, 2 cyl
Std bore 63mm
JP0884

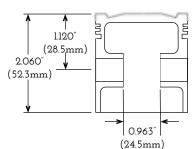


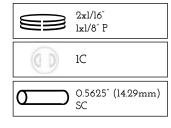


Tiger Cub, T20
200cc, OHV, CR 7:1, 1 cyl
Std bore 63mm

JPO604

Recommended max. oversize +040"





Triumph\_ Tiger 100, T100, T100A, T100SS, T100SC, T100SR, T100R 1958-67 2x1/16" 1.578" lx1/8" P 490cc, OHV, CR 9:1, 2 cyl (40.lmm) 2.650" Std bore 69mm 4R +0.430" (11.0mm) (67.3 mm) -JPO473 0.6890" (17.50mm) 0.966" (24.5mm) 6T, Thunderbird 1950-63 2x1/16" 649cc, OHV, CR 7:1, 2 cyl 1.297 lx1/8" P Std bore 71mm (32.9mm) 2.638 JP0870 4C +0.254" (6.5mm) (67.0mm) 0.6889" (17.50mm) 1.102" (28.0mm) 2x1/16" 6T, Thunderbird 1961-66 lx1/8" P 1494 649cc, OHV, CR 7.5:1, 2 cyl (36.2mm) 2.733 Std bore 71mm 4H +0.374" (9.5mm) (69.4mm) JP0872 0.6890" (17.50mm) 1.220" (31.0mm) Tiger 110, Trophy TR6 1957-60 T120, T120R, Bonneville, Tiger 650, 2x1/16" lx1/8" P 1.637" Trophy TR6, TR6C, TR6R 1966-71 (4l.6mm) 2.951" 649cc, OHV, CR 9:1, 2 cyl 4H +0.610" (15.5mm) (75.0mm) Std bore 71mm SP202050 0.6875" (17.50mm) Maximum oversize +0.040" 1.163" (29.5mm) Tiger 750 TR7R, TR6T, Bonneville 750 T140 1972-83 2x1/16" 747cc, OHV, CR 8.5:1, 2 cyl lxl/8" OC 1.682" Std bore 76mm (42.7mm) 2.740 IP0721 4R +0.527" (13.4mm) (69.6mm) Recommended max. oversize +040" 0.7500" (19.05mm) 1.125"



(28.6mm)



Triumph. 5/5, 5H, Tiger 90, low comp 1937-40 2x1/16" 497cc, OHV, CR 7:1, 1 cyl lx1/8" P 1.656" Std bore 84mm SP200214 4R +0.315" (8.0mm) (80.lmm) -0.7500" (19.05mm) 1.366" (34.7mm) N, NL, ND, ND De Luxe 1927-28 3x3/32" 1.750" 549cc, SV, 1 cyl lx4mm P (44.5mm) Std bore 84mm 3.455" 1A SP203038 (87.8mm) 0.6889" (17.5mm) 1.320" (33.5mm) 1925-26 494cc, SV, 1 cyl 1.625" 2x3/32" Std bore 84mm (41.3mm) JP1099 3.246" 1A (82.5mm) 0.6889" (17.5mm) 1.068" (27.lmm) Н 1915-26 2x3/32" SD 1920-26 1.535" lx4mm P (39.0mm) 550cc, SV, 1 cyl 3.346 (85.0mm) lΑ Std bore 85mm SP240032 0.6300" (l6.0mm) 1.771" (45.0mm)

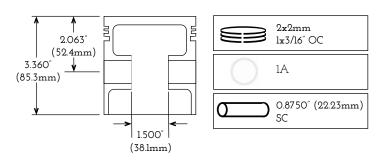
#### TVR Grantura Mk I 1957-59 2x2mm 1172cc, SV, CR 7:1, 4 cyl 1.781" lx4mm P (45.2mm) Std bore 2 1/2" (63.5mm) 2.922" 1A (74.2mm) JP0168 0.6870" (17.45mm) 1.040" (26.4mm) 500, 2500M 1972-77 2x1/16" 1.143" 2498cc, OHV, CR 9.5:1, 6 cyl lx5/32" OC (29.0<sub>mm</sub>) Std bore 2.9405" (74.7mm) 2.440" 1A JP0723 (61.0mm) Recommended max. oversize +040" 0.8l25" (20.64mm) $\sigma$ 1.094" (27.8mm) Grantura Mk II, IIA 1959-62 2x2mm 1588cc, OHV, CR 8.3:1, 4cyl 1.654" lx3/16" OC (42.0mm) Std bore 2.968" (75.4mm) 3.031" 2A -0.170" (4.3mm) JP0395 (77.0<sub>mm</sub>) 0.6875" (17.46mm) 0.970" (24.6mm) Grantura Mk III 1962-63 3x1/16" 1622cc, OHV, CR 8.9:1, 4 cyl 1.660" lx4mm OC (42.2mm) Std bore 3" (76.2mm) 3.025 (76.8mm) <sup>-</sup> lΑ IPO397 0.7500" (19.05mm) 1.000" (25.4mm) Vixen S1, S2, S3 1967-73 2x2mm1599cc, OHV, CR 9:1, 4 cyl 1.738" lx4mm OC (44.2mm) Std bore 81mm 3.280" 3A -0.500" (12.7mm) JP0637 (83.3mm) 0.8125" (20.64mm) 1.172" (29.8mm)

T12

### Vanden Plas



FB60 Princess 4 Litre R 3909cc, IOE, 6 cyl Std bore 3 3/4" (95.3mm) JP0725 1964-68



### Vauxhall\_



14/6 14 1781cc, OHV, CR 6.75:1, 6 cyl Std bore 61.5mm JP0274 1939-40 1938-48 1.813" (46.0mm) 2.990" (76.0mm) 1.000" (25.4mm)

2x3/32" 2x5/32" P

0.6250" (15.88mm)

1A

ASX, Light Six, 14/6 from engine no. DX520001 1781cc, OHV, CR 6.3:1, 6 cyl Std bore 61.5mm JP0273

1933-38

2.970" (75.4mm) O.875" (22.2mm)

2x3/32" 2x5/32" P

4F +0.185" (47mm)

10/4 10 1203cc, OHV, CR 6.5:1, 4 cyl Std bore 63.5mm JP0275 1938-40 1946-47

1.5625° (39.7mm) (75.4mm)

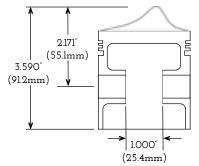
O.875" (22.2mm)

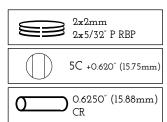
2x2mm 2x4mm P RBP

1A

O.6250" (15.88mm) CR

12 Wyvern (LIX) 1442cc, OHV, CR 6.4.1, 4 cyl Std bore 69.5mm JPO276 1938-48 1948-51





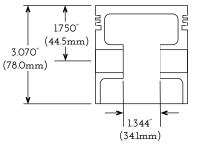
#### Vauxhall 14/40 Low Comp 1921-27 1.578" 2x2mm2297cc, SV, 4 cyl lx4mm P (40.lmm) Std bore 75mm (77.8mm) -1A JP0767 0.6875" (17.46mm) 1.125" (28.6mm) 14/40 High Comp 1921-27 2x2mm 1.850" 2297cc, SV, 4 cyl lx4mm P (47.0mm) Std bore 75mm 3.313" (84.2mm) 1A JP0768 0.6875" (17.46mm) 1.250" (31.8mm) 20/6, R, T 1929-35 **↑** 1.842″ 2x2mm2916cc, 6 cyl lx4mm P (46.8mm) Std bore 75mm (84.2mm) 1A JP0764 0.8750" (22.23mm) 1.250" (31.8mm) 1952-57 Wyvern (EIWX) 1.795" 2x3/32" 1507cc, OHV, CR 7.3:1, 4 cyl lx3/16" OC (45.6mm) Velox (EIPV) 1952-57 3.112 (79.0mm) Cresta (EIPC) 1954-57 1A Velox & Cresta (PAS & PASY) 1957-60 0.7500" (19.05mm) 2262cc, OHV, CR 7.8:1, 6 cyl Std bore 3 1/8" (79.4mm) 1.188" (30.2mm) JPO225 Victor FC 101, VX 4/90 1964-67 1.772" 2x2mm1594cc, OHV, CR 9.3:1, 4 cyl lx3/16" OC (45.0mm) Std bore 3.214" (81.6mm) 3.095" 1A JPO277 (78.6mm) 0.8661" (22.0mm) WC 1.387" (35.2mm)

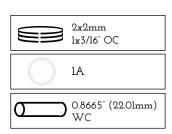


### Vauxhall\_



Velox & Cresta (PB) 2651cc, OHV, CR 8.5:1, 6 cyl Std bore 3 1/4" (82.55mm) JPO282 1961-66





Victor 1800 Deluxe, Viva 1800, Deluxe, L, GLS, Firenza 1800, SL, Deluxe,

Magnum 1800 1972-78

1759cc, OHV, CR 7.3:1, 4 cyl

Std bore 85.7mm

### SP980409

Recommended max oversize +040"

Victor 1800 Deluxe, Viva 1800, Deluxe, L, GLS,

Firenza 1800, SL, Deluxe,

Magnum 1800 1972-78

1759cc, OHV, CR 8.5:1, 4 cyl

Std bore 85.7mm

### SP980408

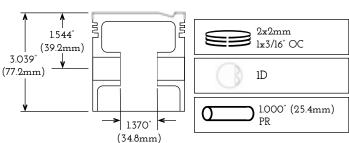
Recommended max oversize +040"

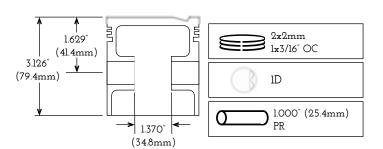
Velox, Cresta	1964-72
Viscount	1966-72
Ventora	1968-71
Victor 3300	1973-76

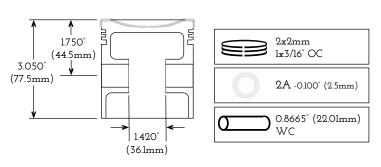
3293cc, OHV, CR 8.5:1, 6 cyl Std bore 3 5/8" (92.1mm)

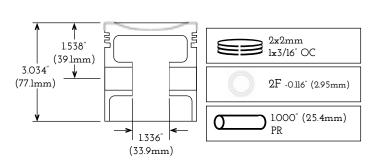
JPO469

VX 4/90, Victor 2300SL, Magnum 3200 1972-78 Viva 2300SL, Firenza 2300 Sports SL 1972-73 2279cc, OHC, CR 7.3:1, 4 cyl Std bore 3.840" (97.536mm) JP0919











## Vauxhall

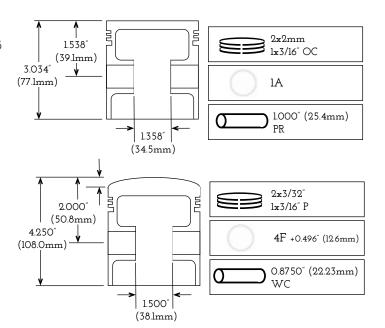


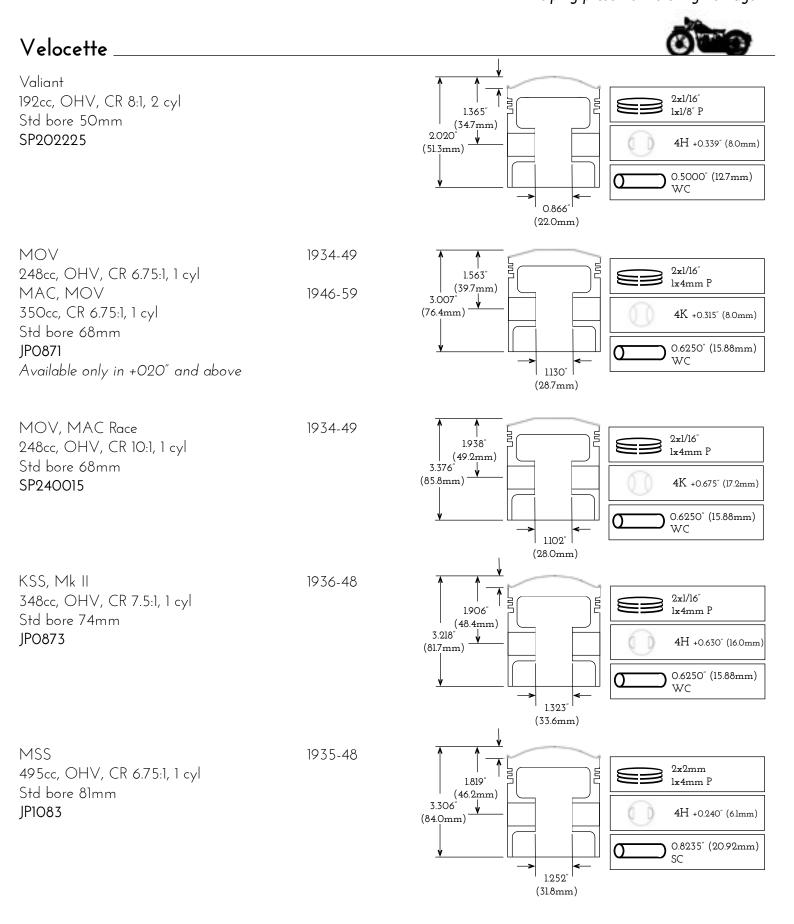
VX4/90, Victor 2300 SL, Magnum 2300, Viva 2300SL, Firenza 2300 Sports SL 1972-78 2279cc, OHC, CR 8.5:1, 4 cyl Std bore 3.840" (97.536mm) SP206010

1913-21

1922-28

30/98 (E) 4526cc, SV, CR 5.5:1, 4 cyl 30/98 (OE) 4224cc, OHV, CR 5.5:1, 4 cyl Std bore 98mm JP0906







## Velocette \_\_\_\_\_\_

MSS 495cc, OHV, CR 6.8:1, 1 cyl Std bore 86mm JPO406 2x2mm |x4mm P | 2x2mm |x4mm P | 4F +0.294° (7.5mm) | 0.8235° (20.92mm) | SC | (35.lmm)



0.938" (23.8mm)

#### Villiers\_ Mk 10, 10/1, 10/1 HS 1959-60 2xl/l6" 98cc, 4 stroke, 1 cyl 0.969" lx1/8" P (24.6mm) Std bore 50mm 1.969 1A JP0362 (50.0mm) 0.6120" (15.55mm) $\sigma$ WC 0.875" (22.2mm) Mk 3 1938-47 2x3/32" AC 98cc, 1 cyl (39.7mm) 崀 Std bore 50mm É 2.612" JP0366 5C +0.750" (19.lmm) (66.3mm) Available only in +040" and above 0.4930" (l2.52mm) $\sigma$ WC 0.938" (23.8mm) Mk 7F 1956 2x3/32" AC 0.969" 98cc, 2 stroke, 1 cyl (24.6mm) Std bore 50mm 2.219 JP0372 lΑ (56.4mm) 0.4930" (12.52mm) 0.813" (20.7mm) Mk 10 1941 **↑** 0.968″ 2x3/32" AC 98cc, 2 stroke, 1 cyl (24.6mm) Std bore 50mm 2.590" JPO578 1A (65.8mm) 0.4930" (12.52mm) σ WC 0.875" (22.2mm) Mk 24C, 25C, 26 C 1951 2x3/32" AC 2 stroke, 1 cyl 1.614" (4l.0mm) \( \begin{array}{c} \begin{array}{c} \end{array} \end{array} Std bore 55mm 3.189 JP0367 5C +0.637" (16.2mm) (81.0mm) 0.4930" (12.52mm)

#### Villiers Mk 30C 1954-59 2x3/32" SN 147cc, 1 cyl 1.218" (30.9mm) Std bore 55mm 1A SP206030 (74.6mm) 0.4930" (12.52mm) $\sigma$ WC 0.895" (22.7mm) Mk 12, 12/1, 12/1 HS, 12/2 1951 **1** 0.971 lxl/l6" 120cc, 4 stroke, 1 cyl lx1/8" P (24.7<sub>mm</sub>) Std bore 55.1mm 1.967" 1A JP0569 (50.0mm) 0.6120" (15.55mm) WC 0.875" (22.2mm) 140 Deluxe 0.969" 2x3/32" AC 142cc, 2 stroke, 1 cyl (24.6mm) Std bore 57mm 2.219" 1A JP0589 (56.4mm) 0.4930" (12.52mm) σ 0.830" (21.lmm) Mk 31C 1956-64 † 1.219″ 2x3/32" AC 148cc, 2 stroke, 1 cyl (31.0mm) Std bore 57mm 2.943" 1A IPO619 (74.8mm) 0.4930" (l2.52mm) 1.000" (25.4mm) GE, Double Century Unit 1938-40 1.625" 2x3/32" AC 197cc, 2 stroke, 1 cyl (41.3mm) Std bore 59mm 3.391" 1A JP0399 (86.lmm) 0.4930" (12.52mm) 1.094" (27.8mm) Mk 20 1941 3x1/16" 1.313" 208cc, 4 stroke, 1 cyl lx1/8" P (33.3mm) Std bore 63mm 2.795" JPO483 1A (71.0mm) 0.6120" (15.55mm) WC 1.106" (28.lmm)

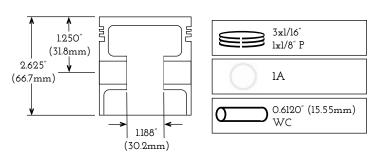


## Villiers .

Ø TO

Mk 25 256cc, 4 stroke, 1 cyl Std bore 70mm JPO588

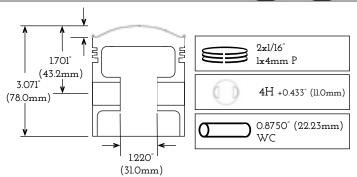
1964



## Vincent\_

0

Series B, C, D Rapide, Black Shadow, Black Lightning, Black Knight, Black Prince 1948-50 998cc, OHV, CR 9:1, 2 cyl Std bore 84mm JP0788



### Volkswagen\_



1200 (Beetle), 15cwt van, Kombi, Microbus, Kharmann-Ghia 1192cc, OHV, CR 6.6:1, 4 cyl Std bore 77mm JP0320

1954-61

1.496" (38.0mm)
3.115" (79.lmm)
1.219" (31.0mm)

2x2.5mm lx4mm OC

1A

0.7875" (20.0mm)
SC

1200 (Beetle), Kombi, Microbus, Karmann Ghia 1192cc, OHV, CR 7:1, 4 cyl Std bore 77mm JPO321

1961-67

3.150° (80.0mm)

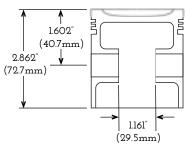
1.219° (31.0mm)

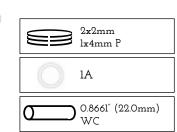
2x2.5mm lx4mm OC

1A

0.7875\* (20.0mm)
SC

Golf GTI, Jetta GLI, Scirocco GTI, Passat GLI 1588cc, OHV, CR 9.5:1, 4 cyl Std bore 79.5mm JPO368





### Helping preserve motoring heritage

#### Volvo



PV444, B14A 1414cc, OHV, CR 7.3:1, 4 cyl, B4B engine Std bore 75mm JP0787

1946-57

1.804" (45.8mm) 3.386 (86.0mm) 1.220"

lx4mm P

1A

0.7480" (19.0mm)

PV444, PV544, 122S, Amazon 1957-62 1583cc, OHV, CR 8.2:1, 4 cyl, B16A/B engine Std bore 3 1/18" (79.375mm) JP0803

1.814" (46.lmm) (86.0mm) 1.220" (31.0mm)

(31.0mm)

2x2mm lx3/16" P lΑ

0.7480" (l9.0mm)  $\sigma$ 

36, 51, EC, ED 3670cc, OHV, 4 cyl Std bore 3 5/16" (84.138mm) JP0916

1778cc, OHV, CR 8.5:1, 4 cyl

Std bore 3 5/16" (84.138mm

1957-59

2.185" (55.5mm) 3.898 (99.0mm) 1.536" (39.0mm)

2x2mm2x4mm P

1A

0.8661" (22.0mm)

PV544, 121, 122S, 131 Amazon 1961-66 P1800S, 144, 133, 123GT, 142S, 144S, 1800S, 223 1964-68 1778cc, OHV, CR 10:1, 4 cyl, B18 engine 132S, 131, 142, 144, 221 1966-68

1.811" (46.0mm) 2.795 (71.0mm) 1.476" (37.5mm)

2x2mm lx3/16" OC 1A

0.8661" (22.0mm)

142 (from chassis 393950) 1967-74 1986cc OHV, 4 cyl, B20 engine 144 (from chassis 428000) 1970-74 145 (from chassis 210050) 164E (from chassis 10295) OHV, CR 10:1, 6 cyl, B20E engine

1.811" (46.0mm) 2.795 (71.0mm) 1.340" (34.0mm)

2x2mm lx4mm OC lΑ 0.9450" (24.0mm)

JP1105

Std bore 88.9mm

JP0915

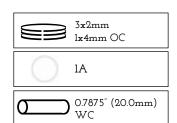
#### Wanderer \_



W24 1767cc, OHV, CR 6.4:1, 4 cyl W23 2650cc, OHV, CR 6.4:1, 6 cyl Std bore 75mm JP0861 1937-42

1937-42

3.386" (48 lmm) (86.0mm) 1220" (31.0mm)

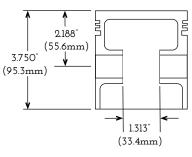


### Willys



37, 38, 49 134 cui, CR 6.5:1, 4 cyl Std bore 3 1/8" (79.4mm) JPO251

1937-48



2x3/32" lx3/l6" P

lA

0.9375" (23.8lmm) WC

Jeep, Overland, 39, 440-2, 4-63, 4-73, Hurricane, MA, MB, CJ, CJ2A, CJ3A, VJ2 1941-67 134 cui, CR 6.48:1, 4 cyl Std bore 3 1/8" (79.4mm)

JPO252

3.750° 2.188° (55.6mm) 3.750° 1125° (28.6mm)

2x3/32" lx3/l6" OC

1A

O..8125" (20.64mm) CR

6-90 SV, 6 cyl Std bore 3 1/4" (82.55mm) JP0698 1932-34

2.4375" (61.9mm)
3.937" \(\frac{1}{2}\)
(100.0mm)

1.750"
(44.5mm)

3x3/32" lx3/16" P

1A

O.8750" (22.23mm) WC

Aero Ace, Aero Eagle, Aero Eagle Custom, Station Wagon Custom Series, Bermuda, Ace, Station Wagon 226cui, CR 7.3:1, 6 cyl Std bore 3 5/16" (84.137mm) JPO253

1954 1955 3.531" (89.7mm) 3.531" (33.4mm)

2x3/32" lx4mm P

1A

0.8590" (21.82mm) WC



#### Wisconsin \_



AKN, BKN 1 cyl Std bore 2 7/8" (73.025mm) JP0636

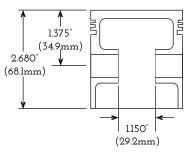
23: AEH, AENL, TE, TED, VE4D 1-4 cyl Std bore 3" (76.2mm) JP0635

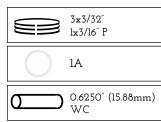
AVH4D 4 cyl Std bore 3 1/4" (82.55mm) JPO530

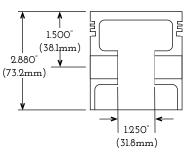
53.9: TF, TFD, TH, THLD, TJD
108: VF, V, VF4D, VH4, VH4D
1-4 cyl
Std bore 3 1/4" (82.55mm)
JPO529

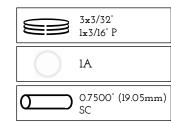
53.9: TF, TFD, TH, THLD, TJD 1969 1-4 cyl Std bore 3 1/4" (82.55mm) JPO529A

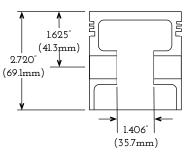
S12D 1 cyl Std bore 3 1/2" (88.9mm) JP0726

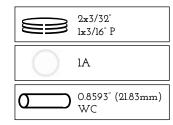


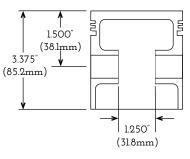


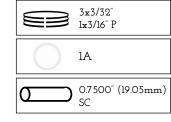


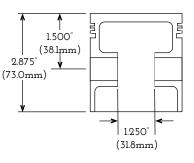


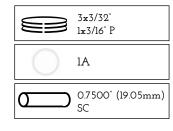


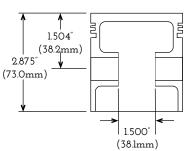


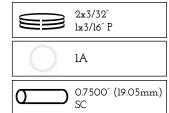














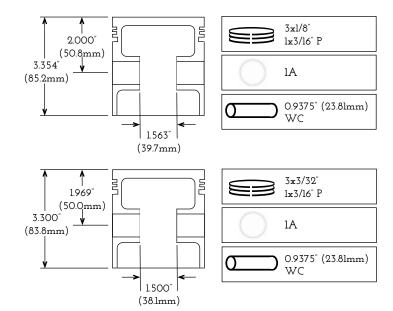


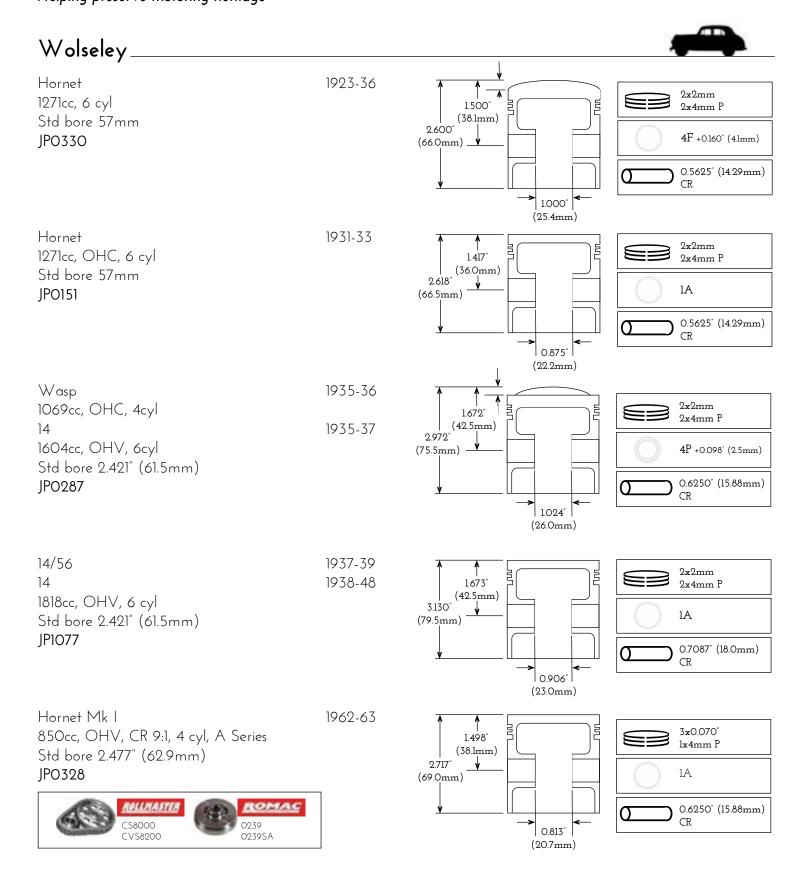
### Wisconsin\_



VP4D, AGND, VG4D 1 and 4 cyl Std bore 3 1/2" (88.9mm) JP0634

V465D 4 cyl Std bore 3 3/4" (95.3mm) JP0724









### Wolseley



10/40 1292cc, OHV, 4 cyl Std bore 2 1/2" (63.5mm) JP1006

1937

1.477 (37.5mm) 2.720" (69.lmm) 0.875" (22.2mm)

2x2mm 2x5/32" P 1A 0.6299" (l6.0mm)

10 1140cc, OHV, CR 6.8:1, 4 cyl Std bore 2 1/2" (63.5mm) JP1002

1939-48

2x2mml 1.772" 2x4mm P (45.0mm) 1A (73.8mm) 0.6300" (l6.0mm) σ O.813" (20.7mm)

1100 Mk I 1098cc, OHV, CR 8.9:1, 4 cyl Std bore 2.542" (64.57mm) JP1074

1965-68

1963-70

1.192" (30.3mm) 2.313 (58.8mm) 1.000" (25.4mm)

3x1/16" lx4mm OC 2A -0.098" (2.5mm) 0.5625" (14.29mm) WC

Hornet Mk II, III 998cc, OHV, CR 8.3:1, 4 cyl Std bore 2.542" (64.6mm) IPO316

CS8000

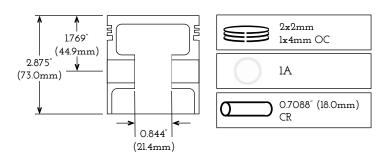
CVS8200





2x2mm 1.343" lx4mm OC (34.lmm) 2.560" (65.0mm) -2A -0.240" (6.lmm) 0.6250" (15.88mm) WC 1.125" (28.6mm)

4/44 1250cc, OHV, CR 7.3:1, 4 cyl Std bore 66.5mm JP0279



#### Wolseley\_



12/4 1550cc, SV, 4 cyl 18/6 1998cc, OHV, 6 cyl Std bore 2.7362" (69.5mm) JP1010 1937-48

1938-48

1.675" (42.6mm)
3.169" (42.6mm)

1.675" (42.6mm)

1.675" (42.6mm)

1.675" (42.6mm)

1.675" (42.6mm)

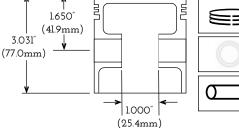
1.675" (42.6mm)

1300 Mk I, II 1275cc, OHV, CR 8.8:1, 4cyl Std bore 2.7795" (70.6mm) JP1001 1967-73

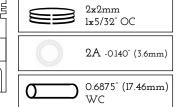


2.750° (38.lmm) (69.9mm) 2.750° (20.64mm) (2.750° (20.64mm) (2.750° (20.64mm) (2.750°

15/50, 1.5 Litre, 15/60, 1500 1489cc, OHV, CR 8.3:1, 4 cyl Std bore 2 7/8" (73.025mm) JP0232 1956-59



(25.4mm)



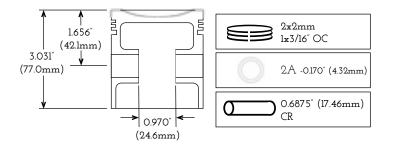




4/50 1475cc, OHC, 4 cyl 6/80 2215cc, OHC 6 cyl Std bore 73.5mm JPO288 2x2mm 1625" (41.3mm) 3.000" (76.2mm) 1A 1A 0.7500" (19.05mm) CR

15/60 Mk II 1498cc, OHV, CR 7.2:1, 4 cyl 24/80 2430cc, OHV, CR 7.2:1, 6 cyl Std bore 3" (76.2mm) IPO214









#### Wolseley 2200 HL, HLS 1975-85 3x1/16" 2227cc, OHV, CR 9.5:1, 6 cyl, E Series 1.698" lx4mm OC (43.lmm) Std bore 3" (76.2mm) 2.944" (74.8mm) JPO452 lΑ 0.8125" (20.64mm) 1.000" (25.4mm) 6/90 Series I, II 1954-58 2x3/322639cc, OHV, CR 7.3:1, 6 cyl 1.860" lx3/16" OC (47.2mm) Std bore 3 1/8" (79.4mm) 3.428 (87.lmm) 2A -0.230" (5.8mm) JP0256 0.8750" (22.23mm) 1.160" (29.5mm) 6/90 Series III 1957-59 2x2mm2639cc, OHV, CR 8.3:1, 6 cyl 1.875" lx3/16" OC (47.6mm) Std bore 3 1/8" (79.4mm) 3.435 JP0310 (87.3mm) 1A 0.8750" (22.23mm) 1.1875" (30.2mm) 6/90 1957-60 2x2mm 2639cc, OHV, CR 9:1, 6 cyl 1.875" lx3/16" OC lx3/16" P (47.6mm) Std bore 3 1/8" (79.4mm) 3.406 IPO258 (86.5mm) 1A O.8750" (22.23mm) 1.156" (29.7mm) 18/85 Mk I 1967-69 3x1/16" 18/85 Mk II 1967-71 lx4mm OC 1.665" (42.3mm) 798cc, OHV, CR8.4 4 cyl, B Series 2.575"

(65.4mm)

1.045" (26.5mm)



2F -0.150" (3.8mm)

0.8125" (29.06mm)

Std bore 3.159" (80.2mm)

JP0308

### Wolseley



18/85 Mk II 1798cc, OHV, CR 9:1, 4 cyl Std bore 3.159" (80.2mm) JPO324





25, 26 3485cc, OHV, 6 cyl Std bore 82mm JP1004

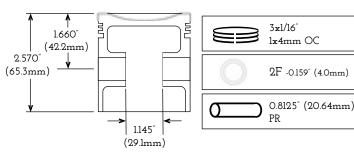
6/99 6/110 6/110 Mk II 2912cc, OHV, CR 9:1, 6 cyl Std bore 3.280" (83.3mm) JP0283 \_

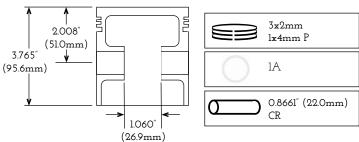
1970-72

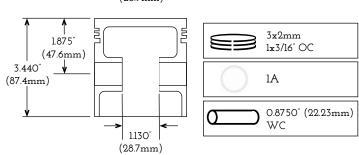
1937-49

1959-61

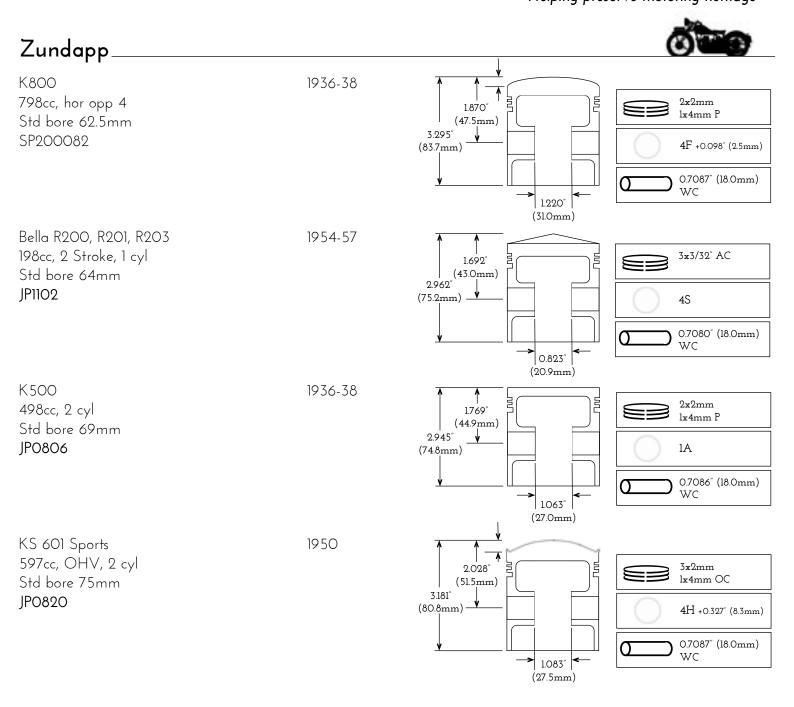
1961-64













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